

# STATISTICAL ABSTRACT INDIA



सत्यमेव जयते

**Central Statistical Organisation  
Department of Statistics and Programme Implementation  
Government of India, New Delhi**





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1. Based upon Survey of India Map printed in 1987.
2. The Territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
3. The interstate boundaries between Arunachal Pradesh, Assam and Meghalaya shown on this map is as interpreted from the North-Eastern Areas (reorganisation) act, 1971, but have yet to be verified.
4. The administrative head quarters of Chandigarh, Haryana and Punjab are at Chandigarh
5. Responsibility for the correctness of the internal details shown on the map rests with the publisher.



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## FOREWORD

*The Statistical Abstract is a quite exhaustive volume which includes data on various developmental indicators arranged over a number of chapters co-terminus with sectoral heads of Indian economy. In the Abstract, users can find all useful data relating to socio-economic, financial and Industrial Sectors of the country. For the benefit of readers, efforts have been made to provide explanatory note showing the description of tables, methodology of data collection and its coverage, definitions of the terms used as well the data source for further reference.*

2. *The present issue of the publication is the 35th edition in the series. It contains time series data for national aggregates generally from 1990-91 and onwards, up to the latest available. The national aggregates are followed by State-wise data for the latest year so as to reflect the development scenario amongst the State/Union Territories. In this edition, efforts have been made to include the revised and latest series of data pertaining to industrial production, mineral production, national accounts and literacy as revealed from various rounds of National Sample Survey Organisation etc. Most of the old and obsolete data series relating to Census-1991 and those for which latest data is not available have been discontinued.*

3. *The CSO is grateful to the various Ministries/Departments and Public Undertakings under the Central and State Governments for the continued and generous co-operation extended by them in providing the desired data to enable the Organisation to bring out the publication in the most comprehensive and informative form.*

4. *Data maintenance, its validation and updation, preparation of charts and maps and generation of the manuscript in camera-ready form have been carried out in the Statistical Intelligence Unit of the CSO. The officers and staff of the unit have done a commendable job in bringing out this publication under the overall guidance of Shri Jagdish Singh, Additional Director General, who was ably assisted by Shri B.B. Singh, Joint Director, Deputy Director Shri Dina Nath and Assistant Director Shri Tej Vir Singh.*

5. *I hope this publication will be useful to the planners, policy makers and research workers in capturing the rapidly changing socio-economic scenario of the country. We, in this Department, are constantly endeavoring to improve the usefulness of the publication. The C.S.O. shall be grateful for any suggestions in this regard.*

April, 1999  
New Delhi

(M.D. ASTHANA)  
SECRETARY

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# CONTENTS

---

<b>Table No.</b>		<b>Page</b>
<b>1.</b>	<b>AREA AND POPULATION</b>	<b>1</b>
1.1	Area and population by States (Census-1991)	3
1.2	Decennial growth of population by Census	4
1.3	Estimated birth rates, death rates and infant Mortality rates by residence	6
1.4	Expectation of life	7
1.5	Estimated mid-year population	9
	Charts/Graphs	
	Birth Rate	
	Death Rate	
	Infant Mortality Rate	
<b>2.</b>	<b>RAINFALL</b>	<b>11</b>
2.1	Monthly and annual rainfall - 1997	13
2.2	Annual rainfall	16
<b>3.</b>	<b>AGRICULTURE</b>	<b>17</b>
3.1	Pattern of land utilisation	20
3.2	Area under principal crops	22
3.3	Production of principal crops	25
3.4	Average yield of principal crops	28
3.5	Index number of agricultural production	31
3.6	Agricultural implements and machinery	32

---

---



---

Charts/Graphs  
Index Number of Agricultural Production  
A. All crops  
B. Food Grains  
C. Non-Food Grains  
Cropped Area  
Land Utilization (1995-96)

**4. LIVESTOCK AND FISHERIES 33**

- 4.1 Livestock and poultry 35  
4.2 Cattle and buffaloes used for work only 36  
4.3 Production of Milk 37  
4.4 Production of raw wool and Eggs 38  
4.5 Fish catch & landings by group of species 39  
4.6 Disposition of fish catch 39

Charts/Graphs  
Growth of Livestock and Poultry  
Production of Milk  
Fish Catch and Landings  
Production of Milk (1994-95)  
Composition of Livestock (1992)

**5. FOREST 41**

- 5.1 Forest cover estimates 43  
5.2 Statewise area under forest by type of forest 44  
5.3 Statewise actual forest cover and recorded forest area 45  
5.4 Estimates of Wastelands in India 46  
5.5 Population of Tiger in Tigers Reserves 47  
5.6 Statewise production of forest produce 48  
5.7 Statewise Revenue and Expenditure from/on forest 49  
5.8 Statewise breakup of protected areas. 50  
5.9 Progress of afforestation Vs Diversion of forest land for non-forest use 51



---

Charts/Graphs  
Forest cover by Density Classes (1997)  
Revenue and Expenditure from/on Forests

**6. SERICULTURE**

- 6.1 Production of raw silk and silk yarn 55  
6.2 Export of silk goods and silk waste 56

Charts/Graphs  
Production of Raw Silk and Silk Yarn  
Export of Silk Goods and Silk Waste

**7. IRRIGATION 57**

- 7.1 Net area under irrigation by sources 58  
7.2 Gross area under irrigation by crops 59

Charts/Graphs  
Irrigated Area

**8. MINING 63**

- 8.1 Number of mines in India 65  
8.2 Production of minerals and ores by selected items 68  
8.3 Index of mineral production (Quantum index) Revised 77

Charts/Graphs  
Value of Mineral Production  
Index of Mineral Production

**9. INDUSTRY 79**

- 9.1 Annual survey of industries (factory sector) 85  
by States  
9.2 Annual survey of industries (factory sector): 88  
1995-96- selected characteristics by industry  
9.3 Mill production of cotton yarn 102  
9.4 Production of cotton cloth 103
-

---

9.5	Production of man made fibre fabrics	105
9.6	Production of selected industries	106
9.7	Index number of industrial production	113
	Charts/Graphs	
	Annual Survey of Industries	
	Mill Production of Cotton Cloth	
	Production of Cotton Cloth	
<b>10.</b>	<b>POWER</b>	<b>115</b>
10.1	Electricity - installed capacity, generation and consumption	117
10.2	Electricity sold to ultimate consumers	119
10.3	Number of towns and villages electrified in India as per 1981 Census	121
	Charts/Graphs	
	Electricity-Installed Capacity	
	Electricity - Installed Capacity	
<b>11.</b>	<b>BANKS</b>	<b>123</b>
11.1	Liabilities and assets of the Reserve Bank of India	125
11.2	Liability and assets of different classes of banks	126
11.3	Cheque clearance by centres	128
11.4	Cash deposit ratio by class of banks	129
11.5	Liabilities and assets of Industrial Finance Corporation of India	129
11.6	Liabilities and assets of State Financial Corporations	130
11.7	Industrial Development Bank of India- liabilities and assets	131
11.8	Industrial Credit and Investment Corporation of India- liabilities and assets	131
	Charts/Graphs	
	Liabilities and Assets of Different Classes of Banks	
	Liabilities and Assets of RBI	

---

---

<b>12. CO-OPERATIVE SOCIETIES</b>	<b>133</b>
12.1 Number and memberships - all types	134
12.2 Number, membership and financial position of State co-operative banks	135
12.3 Number, membership and financial position of Central co-operative banks	136
12.4 Number, membership and financial position of primary credit societies	137
12.5 Number, membership and financial position of grain banks	140
12.6 Membership and financial position of Central Land Development Banks	141
12.7 Number, membership and financial position of Primary Land Development Banks	142
12.8 Number, membership and financial position of primary non-credit societies (excluding insurance societies)	143
Charts/Graphs	
Number of Co-operative Societies	
Membership of Co-operative Societies	
Financial Position of Grain Banks	
Financial Position of Primary Land Development Banks	
<b>13. JOINT STOCK COMPANIES</b>	<b>145</b>
13.1 Joint stock companies at work by industrial activity	146
13.2 Joint stock companies newly registered by industrial activity	149
13.3 Joint stock companies ceased to work by industrial activity	155
Charts/Graphs	
Joint Stock Companies at Work	
A. Number	
B. Paid up Capital	

---



---

---

<b>14. INSURANCE</b>	<b>157</b>
14.1 Life insurance revenue account of the Life Insurance Corporation of India	159
14.2 New life insurance business by Indian insurers total life insurance business in force	159
14.3 Liabilities and assets of the Life Insurance Corporation of India	160
14.4 Post Office life insurance fund account	161
14.5 Postal life insurance policies issued	162
14.6 Particulars relating to premium derived from fire, marine and miscellaneous insurance business of Indian insurers	163
Charts/Graphs	
Revenue of LIC of India	
Liabilities and Assets of LIC	
 <b>15. TRADE</b>	 <b>165</b>
15.1 Foreign trade: overall trade in merchandise and treasure	171
15.2 Foreign trade: India's foreign trade by Chapters and section	172
15.3 Value of imports of merchandise into India by principal countries of consignment	178
15.4 Value of exports of merchandise (Indian produce and manufactures) from India, by principal countries of destination	180
15.5 Value of re-exports of merchandise from India by principal countries of destination	182
15.6 Summary of the value of merchandise trade by revised economic regions	184
15.7 Quantity and value of imports of principal articles of foreign merchandise	187
15.8 Quantity and value of exports of principal articles of Indian produce and manufactures	189

---

---

---

15.9	Index numbers of imports of the unit values and of quantum of imports	191
15.10	Index numbers of exports of the unit values and of quantum of exports	192
15.11	Coasting trade: total value of import merchandise to various maritime blocks of India	193
15.12	Coasting trade: total value of export merchandise from various maritime blocks of India	193
15.13	Movement of certain principal articles by rail and river between the States and chief port towns	194
	Charts/Graphs	
	Index number of Imports and Exports	
	A. Unit Value Index	
	B. Quantum Index	
	Coasting Trade	
<b>16.</b>	<b>BALANCE OF PAYMENT</b>	<b>199</b>
16.1	Overall balance of payments	203
16.2	Regional balance of payments	205
16.3	External assistance-authorisation and utilisation classified by source	209
	Charts/Graphs	
	Balance of Payments : Current Account (1996-97)	
	External Assistance Classified by Source (Authorisation)	
	External Assistance Classified by Source (Utilisation)	
<b>17.</b>	<b>INDIAN RAILWAYS</b>	<b>215</b>
17.1	Railways statistics - summary	217
17.2	Passangers and goods carried and earnings derived therefrom by railways	219
17.3	Capital at charge, earnings and expenses of railways	220
17.4	Financial results of Government railways	221
17.5	Revenue account of the railways in respect of which Government is financially responsible	222

---

---

17.6	Details of gross traffic earnings	223
17.7	Number of persons killed and injured according to nature of accidents	224
	Charts/Graphs	
	A. Capital-at-charge and earnings	
	B. Passenger and tonne kilometers perform	
	C. Rolling Stock - Locomotives	
<b>18.</b>	<b>MOTOR VEHICLES</b>	<b>225</b>
18.1	Number of motor vehicles registered in India (taxed and tax exempted)	227
18.2	Revenue from road transport	228
18.3	Working of State transport undertakings	230
	Charts/Graphs	
	Number of Motor Vehicles Registered in India	
	Revenue from Road Transport	
<b>19.</b>	<b>ROADS</b>	<b>231</b>
19.1	Total and surfaced road length	233
19.2	Length of highways by authorities	234
19.3	Length of Urban roads by authorities	236
19.4	Length of Project roads by authorities	237
19.5	Length of national and state highways by width	239
19.6	Growth of National Highways in India and Central Government expenditure incurred thereon	240
	Charts/Graphs	
	Length of Highways (Total)	
	Length of Highways by Authorities (Surfaced)	
	Growth of National Highways and Central Govt.	
	Expenditure there-on	
<b>20.</b>	<b>SHIPPING</b>	<b>241</b>
20.1	Strength of Indian merchant shipping fleet	243

---



---

20.2	Share of Indian flag vessels in the overseas cargo traffic handled at ports	243
20.3	Vessels entered and cleared by steamers and sailing vessels	244
20.4	Number and tonnage of vessels which entered and cleared at Indian ports by nationalities	245
20.5	Tonnage of vessels which entered and cleared at Indian ports in coastal trade by nationalities	246
20.6	Total shipping in the foreign and coastal trade at major ports	247
20.7	Gross weight of cargo handled at major ports	248
	Charts/Graphs	
	Strength of Indian Merchant Shipping Fleet	
	Gross weight of Cargo Handled at Major Ports	
<b>21.</b>	<b>CIVIL AVIATION</b>	<b>249</b>
21.1	Indian scheduled operations	251
21.2	Indian non-scheduled operations	252
	Charts/Graphs	
	Indian Civil Aviation Scheduled Operations Kilometer perform)	
	Passenger carried	
<b>22.</b>	<b>TOURISM</b>	<b>253</b>
22.1	Number of foreign tourists to India	254
	Charts/Graphs	
	Foreign Tourists in India	
	Composition (1997)	
<b>23.</b>	<b>POST AND TELECOMMUNICATIONS</b>	<b>257</b>
23.1	General statistics of post offices	259
23.2	Estimated number of postcards, letters, newspapers, parcels and packets handled	259
23.3	Number of post offices, letter boxes and postal articles (excluding money orders)	260

---

---

23.4	Total number and amount of money orders	261
23.5	Number of post office savings banks, depositors and amount of deposits	262
23.6	Receipts and charges of the post offices	262
23.7	Post office capital account expenditure	263
23.8	Telegraph lines and offices	263
23.9	Telegraph statistics	264
23.10	Capital revenue and working expenses of the telecommunications department	264
	Charts/Graphs	
	Post Offices and Letter Boxes	
	Postal Articles handled by Postal Service	
	Receipts and expenses of the Post Offices	
<b>24.</b>	<b>LABOUR</b>	<b>265</b>
24.1	Estimated employment in the public and private sectors	271
24.2	Employment in railways	272
24.3	Factory employment	272
24.4	Factory employment by states	274
24.5	Factory employment by industry groups	275
24.6	Factory employment by industry and state/ union territory-1994	292
24.7	Employment in factories-adults, adolescents and children according to sex	301
24.8	Estimated average daily employment in working factories using power	302
24.9	Employment in mines	303
24.10	Employment in plantations	305
24.11	Employment in shops and commercial establishments	306
24.12	Number of applicants on live register of employment exchanges	307
24.13	Total earnings of factory workers in India	308
24.14	Average per capita annual earnings of factory workers	309

---

24.15	Average per capita annual earnings of factory employees workers by industries	310
24.16	Wages and earnings of mining labour	312
24.17	Industrial injuries in factories	313
24.18	Industrial injuries in mines	314
24.19	Industrial disputes	315
24.20	Industrial disputes by causes	316
24.21	Workmen's compensation	316
24.22	Employment in insurance	317
24.23	Employment in banks	317
24.24	Employment in ports	318
	Charts/Graphs	
	Employment in Public and Private Sectors	
	Average Per Capita Annual earning of Factory Employees	
	Factory Employment	
<b>25.</b>	<b>TRADE UNIONS</b>	<b>321</b>
25.1	Number, membership, income, expenditure and funds of registered trade unions	322
25.2	Number of registered trade unions	323
25.3	Number of workers' and employers' unions submitting returns and their membership by industries	325
25.4	General funds of registered trade unions	327
	Charts/Graphs	
	Registered Trade Unions in India	
	Income and Expenditure of Registered Trade Unions	
<b>26.</b>	<b>PRICES</b>	<b>331</b>
26.1	Index numbers of wholesale prices in India by major groups, groups and sub-groups	335
26.2	Consumer price index number for industrial workers	339
26.3	Consumer price index number for urban non - manual employees (general index)	347
26.4	Consumer price index number for agricultural and Rural labourers	349



---

26.5	Index number of security prices - all India	350
26.6	Spot prices of Gold and Silver at Mumbai	351
	Charts/Graphs	
	Index number of Wholesale Prices in India	
	Consumer Price Index for Industrial Workers	
	Consumer Price Index number for Urban Non - Manual Employees	
	Consumer Price Index for Agricultural/Rural Labourers	
	Average Spot prices of Gold and Silver at Bombay	
<b>27.</b>	<b>NATIONAL PRODUCT AND RELATED AGGREGATES</b>	<b>353</b>
27.1	National product at factor cost (at current prices)	354
27.2	National product at factor cost (at 1993-94 prices)	354
27.3	Net domestic product at factor cost by industry of origin (at current prices)	355
27.4	Net domestic product at factor cost by industry of origin (at 1993-94 prices)	356
27.5	Private final consumption expenditure in domestic market (at current prices)	357
27.6	Private final consumption expenditure in domestic market (at 1993-94 prices)	358
27.7	Domestic saving by type of institutions (at current prices)	359
27.8	Capital formation by type of assets and by type of institutions (at current prices)	360
27.9	Capital formation by type of assets and by type of institutions (at 1993-94 prices)	361
27.10	Performance of public sector (at current prices)	362
27.11	Performance of public sector (at 1993-94 prices)	362
	Charts/Graphs	
	Performance of Public Sector	
	Per Capita Net National Product	
	Net Domestic Product by Economic Activity	
	Domestic Saving by type of Institutions	

---

---

---

<b>28. NATIONAL FINANCE</b>	<b>363</b>
-----------------------------	------------

28.1	Budgetary position of the Government of India	365
28.2	Revenue receipts of Government of India	366
28.3	Revenue expenditure of the Government of India	368
28.4	Capital receipts of Government of India	370
28.5	Capital disbursement of Government of India	371
28.6	Consolidated budgetary position of State Govts	373
28.7	Revenue receipts and expenditure of States	374
28.8	Capital budget of State Governments	376
28.9	Commodity-wise details of revenue from customs duties	377
28.10	Revenue from union excise duties	381
28.11	Receipts and expenditure under corporation tax and tax on income other than corporation tax	382
28.12	Economic classification of the Central budget	391

<b>29. INCOME TAX</b>	<b>397</b>
-----------------------	------------

29.1	Number of returns, returned income and tax payable by status and returned income range	399
29.2	Number of returns, gross income and gross tax by source of income - assessment year:1995-96	401
29.3	Deductions, rebates and relief by nature of deductions/rebates - assessment year:1995-96	402
29.4	Rate of tax for assessment year 1996-97	402
29.5	Number of returns, gross income and gross tax from business and profession by nature of business -assessment year: 1995-96	403
	Charts/Graphs	
	Gross Income by Source of Income	
	Returned Income by Status	
	Returned Income by its Range	

<b>30. EXCHANGE, COINAGE AND CURRENCY</b>	<b>411</b>
---	------------

30.1	Money rates in India	414
30.2	Spot prices of Silver in London, New York and Bombay	414

---

---

---

30.3	Number and value of coins minted	415
30.4	Statistics of note circulation in India	415
30.5	Money stock measures	416
30.6	Movements in circulation of decimal coins	417
	Charts/Graphs	
	Total Money Supply	
	Currency with the Public	
<b>31.</b>	<b>CRIME STATISTICS</b>	<b>419</b>
31.1	Incidence of cognizable crime reported	421
31.2	Disposal of total cognizable crime cases under IPC	423
31.3	Disposal of persons arrested under IPC	423
31.4	Recidivism amongst persons arrested	424
31.5	Property stolen and recovered cases	424
31.6	Juvenile delinquency cases	425
31.7	Juvenile apprehended under cognizable crime	429
31.8	Juvenile delinquency under local and special laws (cases reported)	431
31.9	Juveniles apprehended by age group and sex	433
31.10	Particulars of juveniles arrested under IPC cognizable crime and offences under local and special laws	434
31.11	Disposal of juveniles arrested (under IPC & LSL crimes)	438
31.12	Number of persons arrested under different IPC Crimes by Sex	440
31.13	Motives of murder and culpable homicide not amounting to murder	446
31.14	Police strength	450
31.15	Number of cognizable crime and strength of police force	452
	Charts/Graphs	
	Incidence of Cognizable Crime Reported	
	Juvenile Delinquency Cases	
	Juvenile Apprehended by Age group	

---



---

---

<b>32. ACCIDENT STATISTICS</b>	<b>453</b>
32.1 Number of accidental deaths	454
32.2 Incidence of suicides	460
Charts/Graphs	
Number of Accidental Deaths by Natural Causes (1996)	
Number of Accidental Deaths by Unnatural Causes (1996)	
 <b>33. EDUCATION</b>	 <b>467</b>
33.1 Educational institutions, scholars and expenditure	469
33.2 Number of recognised educational institutions	470
33.3 Enrolment according to faculty and stage	473
33.4 Number of scholars by courses and stages in recognised institutions	476
33.5 Number of institutions and scholars in rural areas	478
33.6 Expenditure on recognised educational institutions - By Sources and type of education	479
33.7 Number of Teachers in Educational Institutions -	481
33.8 Literacy in India	483
Charts/Graphs	
Colleges and Enrolments	
Schools and Enrolments	
 <b>34. NEWSPAPERS AND PERIODICALS</b>	 <b>487</b>
34.1 Number of newspapers and periodicals by language and periodicity	488
34.2 Number of newspapers and periodicals by state & periodicity	489
34.3 Number of newspapers and periodicals by language	490
34.4 Circulation of newspapers	492
Charts/Graphs	
Newspapers and Periodicals by Periodicity	
News Papers and Periodicals by Languages (1996)	
Circulation of Newspaper (1996)	

---

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---

---

<b>35. PUBLIC HEALTH STATISTICS</b>	<b>493</b>
35.1 Number of hospitals, dispensaries and beds	495
35.2 Number of Doctors possessing recognised medical qualifications and registered with state medical councils	496
35.3 Number of registered nursing personnel	497
35.4 Statistics of mental hospitals	498
35.5 Family welfare programme	499
Charts/Graphs	
Hospitals and Dispensaries	
R. M. P. and Nurses	
Family Welfare Programme	
 <b>36. HOUSING</b>	 <b>501</b>
36.1 Occupied Residential Houses and House-holds	503
36.2 Distribution of Census Houses according to the uses to which they are put	506
36.3 Distribution of Households - By type of Dwellings	507
36.4 Distribution of Households living in Pucca, semi pucca and kutcha Houses	509
36.5 Percentage distribution of households by type of structure and proportion of structure in bad conditions within each type.	512
36.6 Investment on Building projects undertaken by various Central and State agencies including Public Sector Undertakings:1992-93	514
36.7 Number of Dwellings of different types completed and under execution by various central and state public sector construction agencies - 1992-93	516
36.8 Estimated number of Building permits and completion certificates issued in Major Towns in India	517
36.9 Distribution of Households - By type of Occupancy	519
36.10 Distribution of Households - By size of Dwelling units occupied	521

---

---

---

36.11	Distribution of Household - By source of Drinking Water	522
36.12	Disribution of Households having safe Drinking Water facitilites	523
36.13	Distribution of Households having Electricity	524
36.14	Per Thousand distribution of Household - By type of Latrine	525
36.15	Distribution of Households having Toilet facilities	527
	Charts/Graphs	
	Households Living in Pucca, Semi-pucca and Katcha Houses	
	Distribution of Households by type of Dwellings	
<b>37.</b>	<b>LOCAL BODIES</b>	<b>529</b>
37.1	Income and expenditure of corporations	531
37.2	Number of elected representatives in the three-tier panchayati raj system	547
<b>38.</b>	<b>ELECTORAL STATISTICS</b>	<b>549</b>
38.1	Election to the Lok Sabha	551
38.2	Composition/allocation of seats in the Rajya Sabha	552
38.3	Election to the Vidhan Sabhas	553
38.4	Number of seats and constituencies in the Vidhan Parishads	554
38.5	Election to the Lok Sabha, 1998 - votes polled, percentage of votes polled and seats won according to parties	555
38.6	Election to the Lok Sabha, 1998 - expenditure incurred	558
	Charts/Graphs	
	Election to Loksabha-Percentage of Votes Polled	
	Election to the LokSabha (1998)	
	- Percentage of Votes Polled to Different Parties	

---

---

<b>39. FIVE YEAR PLANS</b>	<b>559</b>
39.1 Plan outlay/expenditure for public sector by heads of development	560
39.2 Plan outlay for public sector by heads of development, States and Union Territories, Eight plan (1992-97)	563
39.3 Plan outlay for public sector by heads of development, States and Union Territories, 1995-96, 1996-97	565
39.4 Plan expenditure for public sector by heads of development, States and Union Territories, Actual expenditure for annual plan 1994-95	569
39.5 Principal targets and achievements Charts/Graphs Plan Outlay and Expenditure by Different Plan Periods	571

The following symbols have been used in the Abstract

- .. Not Available  
- Nil or negligible  
P Provisional





## AREA AND POPULATION



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## CHAPTER 1

# Area and Population

**T**his section includes abstract of available data on area and population of the Indian Union based on the decadal Census of population.

**Table 1.1**

This table contains data on area, total population and its classification according to sex and urban and rural population. In the Census, urban area is defined as follows:

- (a) All statutory towns i.e. all places with a municipality, corporation, cantonment board or notified town area committee.
- (b) All other places which satisfy the following criteria:
  - (i) a minimum population of 5,000.
  - (ii) at least 75 per cent of male working population engaged in non-agricultural pursuits; and
  - (iii) a density of population of at least 400 persons per sq.km.



Besides, Census of India has included in consultation with State Governments/ Union Territory Administrators, some places having distinct urban characteristics as urban even if such places did not strictly satisfy all the criteria mentioned under category (b) above. Such marginal cases include major project colonies, areas of intensive industrial development, railway colonies, important tourist centres etc.

In the case of Jammu and Kashmir, the population figures exclude information on area under unlawful occupation of Pakistan and China where Census could not be undertaken.

**Table 1.2**

This table gives State-wise population enumerated in ten censuses from 1901 to 1991.

**Table 1.3**

This table presents data on birth rate, death rate and infant mortality rate by residence as revealed by Sample Registration System.

**Table 1.4**

Expectation of male and female lives at birth and at ages 10,20,30,40,50 and 60 years in the Census years for All India is shown in the table.

**Table 1.5**

This table shows State-wise estimated mid-year population for the year 1991 to 1998.

- (i) Report of the Technical group on Population Projections August 1996.
- (ii) The Estimated Population for 1981-95 have been revised to make them consistent with the projected population for the period 1996-2016.

**General Notes:**

The latest Census data available at present is still for the year 1991, the next census is due in 2001. Most of the data relating to 1991 census has been repeated in earlier issues of Statistical Abstract India 1997 and as such these have not been reproduced here. A list of such tables are as follows:

- i) Area and Population by districts (Census-1991).
- ii) Number and Population of towns (by classes) and villages (Census-1991).
- iii) Population of cities (Census-1991).
- iv) Decennial growth of population by Census.
- v) Distribution of population and area by Density (Census-1991).
- vi) Ranks of States and Union Territories by population and area (Census-1991).
- vii) Economic Classification of the population (Census-1991).
- viii) Population by Religion (Census-1991).
- ix) Population of Scheduled Caste and Scheduled Tribes.

**Table - 1.1 AREA AND POPULATION BY STATES  
(Census-1991)**

States/ Union Territories	Area in sq. kms.	Population				
		Males	Females	Persons	Rural	Urban
1	2	3	4	5	6	
<b>INDIA (1)</b>	3287263 \$	439230458	407072230	846302688	628691676	217611012
<b>States:</b>						
Andhra Pradesh	275045	33724581	32783427	66508008	48620882	17887126
Arunachal Pradesh	83743	465004	399554	864558	753930	110628
Assam	78438	11657989	10756333	22414322	19926527	2487795
Bihar	173877	45202091	41172374	86374465	75021453	11353012
Goa	3702	594790	575003	1169793	690041	479752
Gujarat	196024	21355209	19954373	41309582	27063521	14246061
Haryana	44212	8827474	7636174	16463648	12408904	4054744
Himachal Pradesh	55673	2617467	2553410	5170877	4721681	449196
Jammu & Kashmir (1)	222236 \$	4014100	3704600	7718700	5879300	1839400
Karnataka	191791	22951917	22025284	44977201	31069413	13907788
Kerala	38863	14288995	14809523	29098518	21418224	7680294
Madhya Pradesh	443446	34267293	31913877	66181170	50842333	15338837
Maharashtra	307713	40825618	38111569	78937187	48395601	30541586
Manipur	22327	938359	898790	1837149	1331504	505645
Meghalaya	22429	907687	867091	1774778	1444731	330047
Mizoram	21081	358978	330778	689756	371810	317946
Nagaland	16579	641282	568264	1209546	1001323	208223
Orissa	155707	16064146	15595590	31659736	27424753	4234983
Punjab	50362	10778034	9503935	20281969	14288744	5993225
Rajasthan	342239	23042780	20963210	44005990	33938877	10067113
Sikkim	7096	216427	190030	406457	369451	37006
Tamil Nadu	130058	28298975	27559971	55858946	36781354	19077592
Tripura	10486	1417930	1339275	2757205	2335484	421721
Uttar Pradesh	294411	74036957	65075330	139112287	111506372	27605915
West Bengal	88752	35510633	32567332	68077965	49370364	18707601
<b>Union Territories:</b>						
A. & N. Islands	8249	154369	126292	280661	205706	74955
Chandigarh	114	358614	283401	642015	66186	575829
D. & N. Haveli	491	70953	67524	138477	126752	11725
Daman & Diu	112	51595	49991	101586	54043	47543
Delhi	1483	5155512	4265132	9420644	949019	8471625
Lakshadweep	32	26618	25089	51707	22593	29114
Pondicherry	492	408081	399704	807785	290800	516985

Source: Office of Registrar General of India, Min. of Home Affairs

(1) The 1991 census was not held in J & K. The population of India includes the projected population of J & K as on 1.3.1991 made by the Standing Committee of Experts on Population projections (Oct. 1989). The projected population of J & K excludes the population of area under unlawful occupation of Pakistan and China.

\$ Includes 78,114 sq.km. under illegal occupation of Pakistan and 5,180 sq. km. illegally handed over by Pakistan to China and 37,555 sq.km. under illegal occupation of China in Ladakh distt.

Note: The area figures are provisional and are as on 31st March, 1991. These are computed by the Surveyor General of India and cleared by the Central Statistical Organisation.



Table 1.2-DECENNIAL GROWTH OF POPULATION BY CENSUS

States/Union Territories	1901	1911	1921	1931	1941
1	2	3	4	5	6
<b>INDIA</b>	238396327	252093390	251321213	278977238	318660580
<b>States:</b>					
Andhra Pradesh	19065921	21447412	21420448	24203573	27289340
Arunachal Pradesh (1)					
Assam	3289680	3848617	4636980	5560371	6694790
Bihar	27311865	28314281	28126675	31347108	35170840
Goa	475513	486752	469494	505281	540925
Gujarat	9094748	9803587	10174989	11489828	13701551
Haryana	4623064	4174677	4255892	4559917	5272829
Himachal Pradesh	1920294	1896944	1928206	2029113	2263245
Jammu & Kashmir	2139362	2292535	2424359	2670208	2946728
Karnataka	13054754	13525251	13377599	14632992	16255368
Kerala	6396262	7147673	7802127	9507050	11031541
Madhya Pradesh	16860768	19440965	19171750	21355657	23990608
Maharashtra	19391643	21474523	20849666	23959300	26832758
Manipur	284465	346222	384016	445606	512069
Meghalaya	340524	394005	422403	480837	555820
Mizoram	82434	91204	98406	124404	152786
Nagaland	101550	149038	158801	178844	189641
Orissa	10302917	11378875	11158586	12491056	13767988
Punjab	7544790	6731510	7152811	8012325	9600236
Rajasthan	10294090	10983509	10292648	11747974	13863859
Sikkim	59014	87920	81721	109808	121520
Tamil Nadu	19252630	20902616	21628518	23472099	26267507
Tripura	173325	229613	304437	382450	513010
Uttar Pradesh	48627670	48154921	46672411	49779552	56535170
West Bengal	16940088	17998769	17474348	18897036	23229552
<b>Union Territories:</b>					
A. & N. Islands	24649	26459	27086	29463	33768
Chandigarh	21967	18437	18133	19783	22574
D. & N. Haveli	24280	29020	31048	38260	40441
Daman & Diu	32005	32470	31410	36429	42811
Delhi	405819	413851	488452	636246	917939
Lakshadweep	13882	14555	13637	16040	18355
Pondicherry	246354	257179	244156	258628	285011

For footnotes, please see page No. 5

Table 1.2-DECENNIAL GROWTH OF POPULATION BY CENSUS - Concl'd.

States/Union Territories	1951	1961	1971	1981	1991
1	7	8	9	10	11
<b>INDIA</b>	361088090	439234771	548159652	683329097	846302688
<b>States:</b>					
Andhra Pradesh	31115259	35983447	43502708	53551026	66508008
Arunachal Pradesh (1)	..	336558	467511	631839	864558
Assam (2)	8028856	10837329	14625152	18041248	22414322
Bihar	38782271	46447457	56353369	69914734	86374465
Goa	547448	589997	795120	1007749	1169793
Gujarat	16262657	20633350	26697475	34085799	41309582
Haryana	5673597	7590524	10036431	12922119	16463648
Himachal Pradesh	2385981	2812463	3460434	4280818	5170877
Jammu & Kashmir (3)	3253852	3560976	4616632	5987389	7718700
Karnataka	19401956	23586772	29299014	37135714	44977201
Kerala	13549118	16903715	21347375	25453680	29098518
Madhya Pradesh	26071637	32372408	41654119	52178844	66181170
Maharashtra	32002564	39553718	50412235	62782818	78937187
Manipur	577635	780037	1072753	1420953	1837149
Meghalaya	605674	769380	1011699	1335819	1774778
Mizoram	196202	266063	332390	493757	689756
Nagaland	212975	369200	516449	774930	1209546
Orissa	14645946	17548846	21944615	26370271	31659736
Punjab	9160500	11135069	13551060	16788915	20281969
Rajasthan	15970774	20155602	25765806	34261862	44005990
Sikkim	137725	162189	209843	316385	406457
Tamil Nadu	30119047	33686953	41199168	48408077	55858946
Tripura	639029	1142005	1556342	2053058	2757205
Uttar Pradesh	63219672	73754573	88341521	110862512	139112287
West Bengal	26299980	34926279	44312011	54580647	68077965
<b>Union Territories:</b>					
A & N Islands	30971	63548	115133	188741	280661
Chandigarh	24261	119881	257251	451610	642015
D & N Haveli	41532	57963	74170	103676	138477
Daman & Diu	48611	36670	62651	78981	101586
Delhi	1744072	2658612	4065698	6220406	9420644
Lakshadweep	21035	24108	31810	40249	51707
Pondicherry	317253	369079	471707	604471	807785

Source : Office of the Registrar General of India, Ministry of Home Affairs

- (1) : Censused for the first time in 1961.
- (2) : The 1981 Census could not be held in Assam. Total population for 1981 for Assam has been worked out by interpolation. The growth rate for 1971-81 and 1981-91 have been worked out on the interpolated population figures for Assam for 1981.
- (3) : The 1991 Census could not be held in J & K. Total population for 1991 for J & K is as projected by the Standing Committee of Experts on Population Projections (Oct. 1989).

**Table No.1.3-ESTIMATED BIRTH RATES, DEATH RATES AND  
INFANT MORTALITY RATES BY RESIDENCE**

(Per Thousand)

Year/States/ Union Territories	Birth Rate			Death Rate			Infant Mortality Rate		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7	8	9	10
1991	29.5	30.9	24.3	9.8	10.6	7.1	80	87	53
1992	29.2	30.9	23.1	10.1	10.9	7.0	79	85	53
1993	28.7	30.4	23.7	9.3	10.6	5.8	74	82	45
1994	28.7	30.5	23.1	9.3	10.1	6.7	74	80	52
1995	28.3	30.0	22.7	9.0	9.8	6.6	74	80	48
1996(1) P	27.5	29.3	21.6	9.0	9.7	6.5	72	77	46
1997(1) P	27.2	28.9	21.5	8.9	9.6	6.5	71	77	45
<b>1997</b>									
<b>States</b>									
Andhra Pradesh	22.5	23.1	20.5	8.3	9.1	5.9	63	70	37
Arunachal Pradesh	21.4	22.3	12.2	5.8	6.1	2.0	47	49	17
Assam	28.2	29.0	20.7	9.9	10.3	5.9	76	79	37
Bihar	31.7	32.7	23.6	10.0	10.4	6.8	71	73	53
Goa	14.2	14.4	13.8	7.7	8.0	7.2	19	23	14
Gujarat	25.6	27.0	22.6	7.6	8.3	6.2	62	69	46
Haryana	28.3	29.6	23.8	8.0	8.3	6.9	68	70	59
Himachal Pradesh	22.6	23.1	16.8	8.1	8.3	5.9	63	64	38
Jammu & Kashmir	..	..	..	..	..	..	..	..	..
Karnataka	22.7	23.9	20.1	7.6	8.5	5.4	53	63	24
Kerala	17.9	17.9	17.9	6.2	6.3	6.1	12	11	15
Madhya Pradesh	31.9	33.6	23.1	11.0	11.7	7.7	94	99	57
Maharashtra	23.1	24.4	21.0	7.3	8.6	5.4	47	56	31
Manipur	19.7	20.5	17.6	5.9	5.8	6.2	30	21	28
Meghalaya	30.2	32.9	16.6	8.8	9.7	4.4	54	56	52
Mizoram	15.0	16.4	13.3	4.8	5.7	3.7	19	22	15
Nagaland	..	..	7.9	..	..	2.7	..	..	16
Orissa	26.5	27.2	21.3	10.9	11.3	7.5	96	100	65
Punjab	23.4	24.9	19.0	7.4	7.8	6.1	51	54	38
Rajasthan	32.1	33.7	25.1	8.9	9.3	7.0	85	89	61
Sikkim	19.8	20.0	12.8	6.5	6.6	3.5	51	51	41
Tamil Nadu	19.0	19.3	18.3	8.0	8.7	6.7	53	58	40
Tripura	18.3	18.9	15.5	6.8	6.9	5.8	51	53	39
Uttar Pradesh	33.5	34.6	27.9	10.3	10.7	8.2	85	89	66
West Bengal	22.4	24.8	15.9	7.7	7.9	7.2	55	58	43
<b>Union Territories:</b>									
A. & N. Islands	18.6	18.8	17.8	5.1	5.6	3.6	33	39	16
Chandigarh	18.8	20.9	18.5	4.2	3.7	4.3	40	46	40
D. & N. Haveli	28.2	28.7	22.8	8.2	8.6	3.6	63	67	7
Daman & Diu	24.9	25.5	24.4	5.9	7.7	4.4	38	41	35
Delhi	21.1	22.7	20.9	5.4	5.4	5.4	35	34	35
Lakshadweep	22.9	23.5	22.3	6.2	6.1	6.3	36	22	49
Pondicherry	18.4	20.1	17.1	8.0	9.1	7.2	22	30	16

Source: Office of the Registrar General of India, Ministry of Home Affairs

(1) Excludes Mizoram and Nagaland in addition to Jammu and Kashmir.

Note: 1. Data shown in this table are based on Sample Registration System and excludes Jammu and Kashmir.

2. Infant Mortality Rates for smaller states and union territories are for the period 1995-97 except for Mizoram which relates to 1996-97

Table 1.4-EXPECTATION OF LIFE

Year/States	At birth		Age 10		Age 20	
	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7
<b>All India</b>						
1990(1)	58.6	58.7	57.2	57.8	48.0	48.7
1991(1)	58.1	58.6	57.1	58.8	48.0	49.9
1992(1)	58.6	59.0	57.2	58.7	48.0	49.8
1993(1)	59.0	59.7	57.1	59.0	42.9	50.0
1994(1)	59.4	60.4	57.3	59.3	48.1	50.3
1995(1)	59.7	60.9	57.5	59.8	48.3	50.8
<b>1995</b>						
<b>States :</b>						
Andhra Pradesh	60.3	62.8	56.5	58.6	47.4	49.4
Assam	55.7	56.1	55.1	56.1	46.0	47.2
Bihar	60.1	58.0	58.3	57.5	49.2	48.8
Gujarat	60.2	62.0	57.0	59.5	47.6	50.2
Haryana	63.0	64.0	59.4	62.6	50.2	53.6
Himachal Pradesh	64.1	64.7	60.2	60.7	50.8	51.3
Karnataka	60.6	63.9	57.4	60.9	47.9	51.7
Kerala	69.9	75.6	61.7	67.1	52.0	57.4
Madhya Pradesh	54.7	54.6	56.1	56.9	47.1	48.4
Maharashtra	63.5	65.8	59.0	61.6	49.5	52.4
Orissa	56.6	56.2	56.8	57.5	47.7	48.6
Punjab	66.1	68.4	61.2	65.0	52.0	55.8
Rajasthan	58.3	59.4	57.0	59.5	47.8	50.5
Tamil Nadu	62.3	64.4	57.1	59.4	47.8	50.3
Uttar Pradesh	57.3	56.0	56.6	57.6	47.5	48.7
West Bengal	61.5	62.8	58.1	59.8	48.8	50.8

Source: Office of the Registrar General of India, Ministry of Home Affairs

Table 1.4-EXPECTATION OF LIFE - Concl'd.

Year/States	Age 30		Age 40		Age 50		Age 60	
	Male	Female	Male	Female	Male	Female	Male	Female
1	8	9	10	11	12	13	14	15
<b>All India</b>								
1990(1)	39.0	39.9	30.3	31.1	22.2	22.7	15.3	15.7
1991(1)	39.0	41.2	30.3	32.4	22.2	23.9	15.3	16.2
1992(1)	39.0	41.1	30.3	32.3	22.2	23.7	15.3	16.0
1993(1)	38.9	41.4	30.1	32.6	21.9	23.9	14.9	16.2
1994(1)	39.1	41.6	30.3	32.8	22.1	24.2	15.1	16.5
1995(1)	39.3	42.2	30.5	33.4	22.3	24.8	15.3	17.1
<b>1995</b>								
<b>States:</b>								
Andhra Pradesh	38.5	40.5	29.8	31.6	21.5	22.9	14.4	15.1
Assam	37.0	39.0	28.5	30.7	20.5	22.3	13.9	15.5
Bihar	40.2	40.5	31.5	32.1	23.4	23.9	16.5	16.7
Gujarat	38.6	41.4	29.9	32.5	21.7	23.7	14.6	15.6
Haryana	41.3	44.7	32.9	35.7	24.9	26.7	17.5	18.7
Himachal Pradesh	42.2	41.9	33.6	32.7	25.5	23.9	18.6	16.2
Karnataka	38.9	42.8	30.1	33.9	21.9	25.1	15.0	17.1
Kerala	42.7	47.9	33.7	38.4	25.2	29.2	18.1	20.6
Madhya Pradesh	38.3	40.1	29.6	31.7	21.4	23.1	14.5	15.3
Maharashtra	40.3	43.6	31.4	34.8	23.3	26.0	16.1	18.1
Orissa	39.0	39.9	30.3	31.4	22.6	23.3	16.0	15.4
Punjab	43.8	46.7	35.4	37.6	27.5	28.7	20.7	20.8
Rajasthan	38.9	41.9	30.0	33.2	21.8	24.4	14.7	16.0
Tamil Nadu	39.0	41.4	30.3	32.4	22.1	23.6	15.0	15.7
Uttar Pradesh	38.7	40.4	30.0	31.9	21.9	23.4	14.9	15.7
West Bengal	39.7	41.9	30.7	32.9	22.1	24.1	15.0	16.4

Source: Office of the Registrar General of India, Ministry of Home Affairs

(1) Data for 1991, 1992, 1993, 1994 and 1995 relate to the period 1987-91, 1988-92, 1989-93, 1990-94 and 1990-95 respectively.

Note: Estimates at the national level exclude Mizoram as SRS came into existence in the state from 1995.  
From 1991 excludes Jammu & Kashmir also due to non-receipt of returns.



**TABLE 1.5-ESTIMATED MID YEAR POPULATION**  
(As on 1st July)

('000 Nos.)

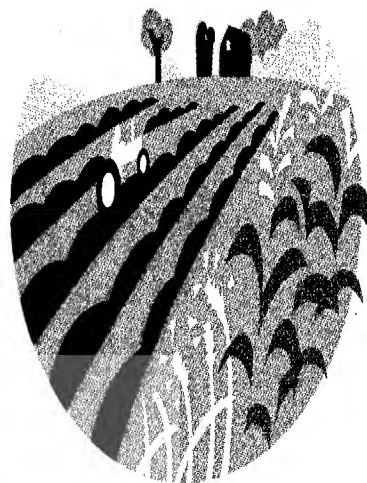
States/ Union Territories	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
<b>INDIA</b>	851399	864426	877389	890607	904138	940039	955219	971832
<b>States:</b>								
Andhra Pradesh	66819	67821	68838	69869	70917	72557	73361	74171
Arunachal Pradesh	875	888	901	914	928	1047	1087	1128
Assam	22532	22902	23278	23600	24048	24866	25275	25646
Bihar	86854	88156	89477	90818	92180	93591	95236	96955
Goa	1183	1200	1217	1234	1252	1408	1460	1513
Gujarat	41547	42169	42802	43443	44094	45764	46421	47098
Haryana	16589	16965	17338	17707	18073	18673	18023	19343
Himachal Pradesh	5219	5281	5344	5407	5472	6044	6233	6423
Jammu & Kashmir	7788	7878	7968	8060	8153	8990	9263	9535
Karnataka	45218	45896	46584	47282	47991	49582	50291	50983
Kerala	29208	29646	30091	30542	30999	31091	31455	31780
Madhya Pradesh	66637	67636	68650	69679	70723	74636	76006	77400
Maharashtra	79347	80536	81743	82969	84212	87617	88270	89406
Manipur	1858	1885	1913	1940	1969	2217	2301	2385
Meghalaya	1795	1821	1848	1875	1902	2043	2224	2305
Mizoram	698	708	719	729	740	836	868	901
Nagaland	1224	1243	1262	1281	1301	1474	1532	1591
Orissa	31802	32279	32762	33253	33752	34568	34946	35304
Punjab	20391	20697	21007	21322	21642	22480	23809	23101
Rajasthan	44323	44988	45662	46347	47041	50054	51043	52005
Sikkim	411	417	423	430	436	491	510	529
Tamil Nadu	56064	56904	57757	58623	59502	59665	60294	60881
Tripura	2788	2829	2871	2913	2955	3329	3455	3582
Uttar Pradesh	140169	142402	144402	146567	148764	157666	160704	164941
West Bengal	68448	69474	70516	71573	72646	74988	76141	77250
<b>Union Territories:</b>								
A. & N. Islands	284	288	292	297	301	339	352	365
Chandigarh	649	659	669	679	689	779	809	840
D. & N. Haveli	140	142	144	146	148	167	174	180
Daman & Diu	103	104	106	107	109	123	127	132
Delhi	9555	9730	9910	10092	10278	11915	12470	13040
Lakshadweep	52	53	54	55	55	62	65	67
Pondicherry	829	829	841	854	866	977	1014	1052

Source: Office of the Registrar General of India, Ministry of Home Affairs

Notes: 1. The aggregate over the States and Union Territories may not exactly tally with population of India, which has been calculated independently, the differences, however, are very minor.

2. The annual estimates from 1992 onwards are based on the Report of the Standing Committee of Experts on Population Projections (Oct. 1989) and are adjusted to conform with the ratio of 1991 census population to the 1991 projected population of the above Report. These factors were applied to All India and each State and Union Territory individually.



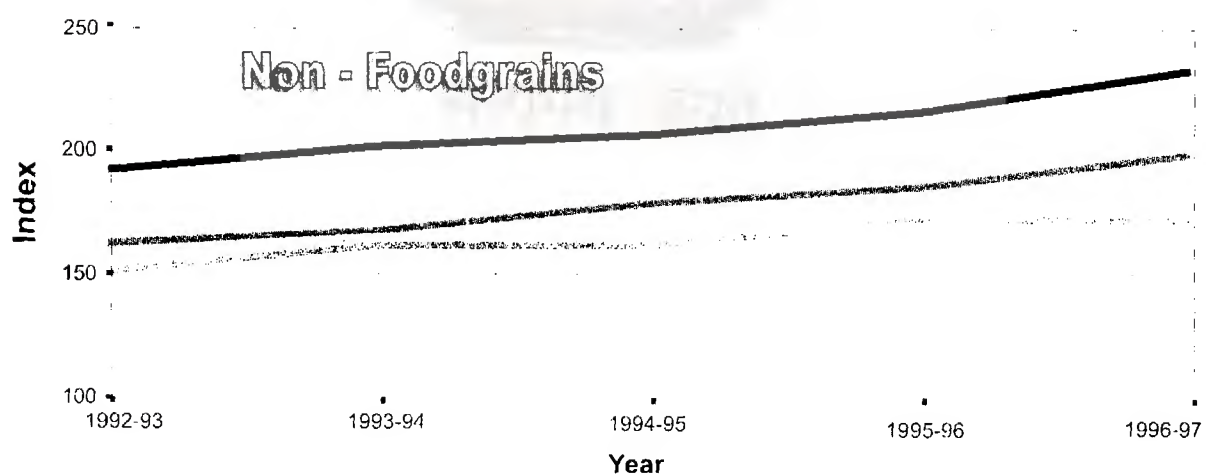
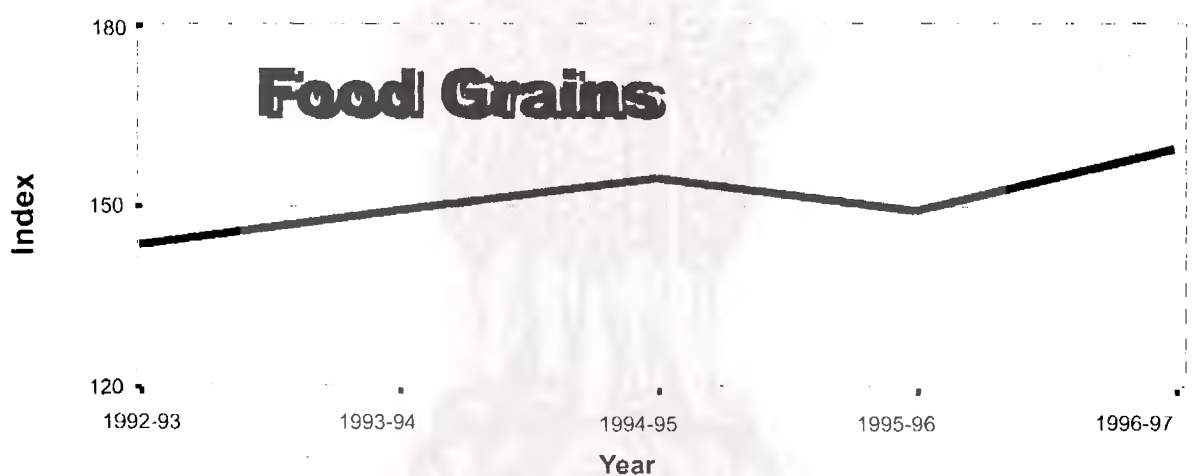
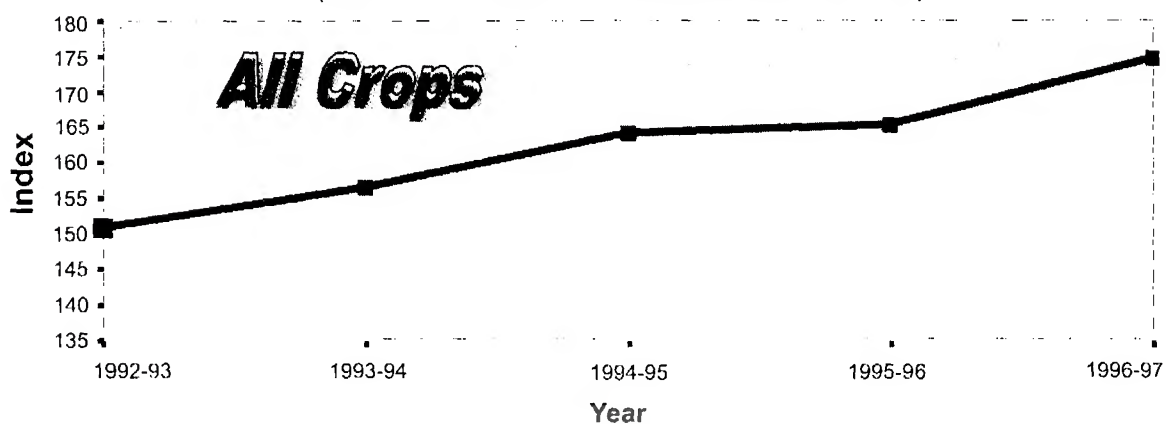


**AGRICULTURE**





# **INDEX NUMBER OF AGRICULTURAL PRODUCTION** (BASE : CROP YEARS TRIENNIUM ENDING 1981 - 82 = 100)



Non-Foodgrains      Oil Seeds      Plantation      Condiments & Spices

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## CHAPTER 2

### Rainfall

**R**ainfall is recorded by the India Meteorological Department at 649 surface and 671 Hydromet observatories. In addition there are about 7,741 rain recording stations maintained by the various State Governments who publish the data emanating therefrom.

Daily rainfall is recorded at 0830 hours everyday throughout the country. The amount is the total rainfall for the preceding 24 hours ending at 0830 hours of the date of measurement.

The 'actual monthly' rainfall of the sub-division for that year is the mean of monthly rainfall of the available stations. The sum of these for the 12 months is the 'actual annual' rainfall of the sub-division for that year.



The 'monthly normal' rainfall of the sub-division is the mean of the 'monthly normals' of the corresponding stations. The 'annual normal' for the sub-division is the sum of these 12 monthly normals. Normal is an average of all data since 1901 or from commencement of the stations, whichever is later, these are updated each decade. The normals used here are for 1901-70. The normal given for the sub-division, however, varies for each month/year because normals of only those stations, whose data is received during that year (for actual) are only being used.

This section gives the data of normal and actual rainfall with reference to meteorological sub-divisions mentioned therein. The rainfall figures for the year 1991 are based on the data recorded at the observatory stations, while the other figures from



1992 and onwards are based on the available data recorded at both departmental observatories and state raingauge stations. The sub-divisional means are provisionally worked out on the basis of observatory data only, since there is a considerable time lag in the receipt of the rainfall data from the States.

**Table 2.1** gives sub-divisionwise actual and normal monthly rainfall.

**Table 2.2** gives, at sub-divisional level, actual annual rainfall data for the individual years.



**Table 2.1- MONTHLY AND ANNUAL RAINFALL 1997**  
(by meteorological sub-divisions)

(millimetre)

Sub-division	Monthly Rainfall							
	January		February		March		April	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
1	2	3	4	5	6	7	8	9
1. Andaman and Nicobar Islands	8.0	73.0	12.0	47.0	0.0	40.0	48.0	89.0
2. Arunachal Pradesh	7.0	44.0	84.0	68.0	210.0	105.0	108.0	185.0
3. Assam and Meghalaya	11.0	17.0	31.0	30.0	87.0	84.0	119.0	200.0
4. Nagaland, Mizoram, Manipur and Tripura	9.0	13.0	19.0	24.0	120.0	74.0	91.0	128.0
5. Sub-Himalayan, West Bengal & Sikkim	10.0	18.0	23.0	24.0	37.0	53.0	94.0	109.0
6. Gangetic West Bengal	18.0	14.0	28.0	20.0	31.0	27.0	97.0	41.0
7. Orissa	25.0	12.0	4.0	25.0	29.0	22.0	84.0	32.0
8. Bihar Plateau	7.0	20.0	3.0	25.0	1.0	19.0	24.0	20.0
9. Bihar Plains	14.0	16.0	0.0	16.0	2.0	11.0	27.0	15.0
10. Uttar Pradesh East	6.0	18.0	0.0	16.0	2.0	9.0	14.0	6.0
11. Plains of Uttar Pradesh West	8.0	22.0	2.0	18.0	5.0	13.0	30.0	6.0
12. Hills of Uttar Pradesh West	19.0	67.0	6.0	63.0	19.0	61.0	58.0	34.0
13. Haryana, Chandigarh & Delhi	10.0	22.0	4.0	19.0	17.0	14.0	42.0	7.0
14. Punjab	18.0	29.0	9.0	26.0	15.0	26.0	49.0	11.0
15. Himachal Pradesh	58.0	80.0	41.0	74.0	65.0	81.0	101.0	44.0
16. Jammu & Kashmir	32.0	82.0	28.0	86.0	90.0	99.0	109.0	74.0
17. Rajasthan West	4.0	4.0	1.0	5.0	6.0	5.0	17.0	2.0
18. Rajasthan East	1.0	7.0	0.0	4.0	3.0	5.0	19.0	2.0
19. Madhya Pradesh West	6.0	13.0	0.0	8.0	0.0	8.0	8.0	4.0
20. Madhya Pradesh East	17.0	20.0	0.0	22.0	4.0	18.0	34.0	14.0
21. Gujarat Region, Daman, Dadra & Nagar Haveli	5.0	2.0	0.0	1.0	1.0	2.0	10.0	1.0
22. Saurashtra, Kutch & Diu	9.0	1.0	0.0	1.0	1.0	4.0	7.0	1.0
23. Konkan & Goa	7.0	1.0	0.0	1.0	2.0	0.0	2.0	5.0
24. Madhya Maharashtra	9.0	4.0	0.0	1.0	6.0	4.0	26.0	12.0
25. Marathwada	9.0	3.0	0.0	4.0	12.0	7.0	20.0	10.0
26. Vidarbha	25.0	11.0	0.0	13.0	4.0	15.0	20.0	12.0
27. Coastal Andhra Pradesh	22.0	9.0	4.0	11.0	15.0	12.0	68.0	25.0
28. Telangana	25.0	4.0	0.0	6.0	15.0	11.0	55.0	20.0
29. Rayalseema	14.0	7.0	0.0	5.0	13.0	6.0	38.0	21.0
30. Tamil Nadu and Pondicherry	9.0	34.0	0.0	15.0	7.0	21.0	37.0	49.0
31. Coastal Karnataka	2.0	2.0	0.0	1.0	21.0	5.0	34.0	32.0
32. North Interior Karnataka	6.0	2.0	0.0	3.0	22.0	7.0	32.0	26.0
33. South Interior Karnataka	7.0	3.0	0.0	4.0	37.0	8.0	39.0	45.0
34. Kerala	2.0	14.0	4.0	17.0	37.0	40.0	63.0	113.0
35. Lakshadweep	2.0	25.0	0.0	9.0	5.0	8.0	34.0	35.0

**Table 2.1- MONTHLY AND ANNUAL RAINFALL 1997 - Contd.**  
(by meteorological sub-divisions)

(millimetre)

Sub-division	Monthly Rainfall - Contd.							
	May		June		July		August	
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
1	10	11	12	13	14	15	16	17
1. Andaman and Nicobar Islands	253.0	377.0	161.0	470.0	558.0	357.0	377.0	360.0
2. Arunachal Pradesh	188.0	328.0	614.0	572.0	627.0	674.0	274.0	483.0
3. Assam and Meghalaya	255.0	406.0	640.0	596.0	509.0	568.0	305.0	453.0
4. Nagaland, Mizoram, Manipur and Tripura	192.0	232.0	311.0	387.0	469.0	329.0	241.0	295.0
5. Sub-Himalayan, West Bengal & Sikkim	142.0	275.0	624.0	524.0	451.0	609.0	481.0	502.0
6. Gangetic West Bengal	113.0	107.0	204.0	247.0	412.0	312.0	403.0	308.0
7. Orissa	36.0	64.0	218.0	221.0	291.0	357.0	488.0	356.0
8. Bihar Plateau	22.0	49.0	246.0	195.0	440.0	333.0	421.0	324.0
9. Bihar Plains	29.0	44.0	224.0	168.0	482.0	311.0	321.0	303.0
10. East Uttar Pradesh	18.0	16.0	79.0	105.0	326.0	303.0	238.0	299.0
11. Plains of Uttar Pradesh West	45.0	11.0	85.0	80.0	239.0	262.0	233.0	269.0
12. Hills of Uttar Pradesh West	50.0	56.0	226.0	169.0	323.0	449.0	334.0	448.0
13. Haryana, Chandigarh & Delhi	45.0	12.0	103.0	51.0	164.0	175.0	273.0	179.0
14. Punjab	43.0	14.0	83.0	42.0	181.0	188.0	318.0	170.0
15. Himachal Pradesh	69.0	48.0	91.0	97.0	236.0	347.0	379.0	321.0
16. Jammu & Kashmir	56.0	52.0	45.0	55.0	169.0	183.0	342.0	183.0
17. Rajasthan West	30.0	9.0	96.0	28.0	121.0	104.0	180.0	106.0
18. Rajasthan East	27.0	9.0	95.0	57.0	194.0	227.0	240.0	229.0
19. Madhya Pradesh West	6.0	9.0	90.0	115.0	373.0	312.0	325.0	313.0
20. Madhya Pradesh East	15.0	15.0	126.0	166.0	428.0	386.0	326.0	385.0
21. Gujarat Region, Daman, Dadra & Nagar Haveli	6.0	7.0	404.0	158.0	348.0	433.0	496.0	270.0
22. Saurashtra, Kutch & Diu	5.0	4.0	234.0	91.0	137.0	240.0	94.0	129.0
23. Konkan & Goa	1.0	4.2	784.0	685.0	1004.0	1106.0	771.0	663.0
24. Madhya Maharashtra	13.0	29.0	182.0	140.0	242.0	271.0	283.0	179.0
25. Marathwada	10.0	20.0	64.0	146.0	147.0	206.0	128.0	187.0
26. Vidarbha	15.0	14.0	110.0	171.0	235.0	338.0	259.0	272.0
27. Coastal Andhra Pradesh	24.0	57.0	56.0	109.0	148.0	168.0	110.0	159.0
28. Telangana	16.0	26.0	71.0	134.0	185.0	231.0	144.0	212.0
29. Rayalaseema	38.0	52.0	79.0	59.0	47.0	85.0	85.0	98.0
30. Tamil Nadu and Pondicherry	45.0	70.0	47.0	53.0	61.0	73.0	58.0	98.0
31. Coastal Karnataka	30.0	139.0	864.0	871.0	1528.0	1155.0	1172.0	680.0
32. North Interior Karnataka	21.0	48.0	115.0	98.0	133.0	149.0	120.0	122.0
33. South Interior Karnataka	73.0	102.0	172.0	150.0	235.0	278.0	236.0	185.0
34. Kerala	133.0	263.0	559.0	697.0	942.0	765.0	521.0	439.0
35. Lakshadweep	62.0	141.0	307.0	307.0	460.0	283.0	217.0	192.0

**Table 2.1- MONTHLY AND ANNUAL RAINFALL 1997 - Concl'd.**  
(by meteorological sub-divisions)

(millimetre)

Sub-division	Monthly Rainfall - Concl'd.								Annual Rainfall	
	September		October		November		December			
	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal	Actual	Normal
1	18	19	20	21	22	23	24	25	26	27
1. Andaman and Nicobar Islands	416.0	409.0	140.0	320.0	290.6	255.3	92.1	170.6	2355.7	2967.9
2. Arunachal Pradesh	521.0	307.0	40.0	129.0	46.5	21.2	23.1	11.8	2742.6	2928.0
3. Assam and Meghalaya	390.0	330.0	39.0	161.0	16.6	29.2	29.9	8.5	2432.5	2882.7
4. Nagaland, Mizoram, Manipur and Tripura	299.0	239.0	30.0	149.0	11.4	31.2	38.5	9.7	1830.9	1910.9
5. Sub-Himalayan, West Bengal & Sikkim	404.0	402.0	34.0	145.0	14.4	16.3	36.5	5.8	2350.9	2683.1
6. Gangetic West Bengal	276.0	229.0	38.0	117.0	26.5	19.5	24.0	3.0	1670.5	1444.5
7. Orissa	240.0	244.0	46.0	120.0	30.2	30.2	65.6	6.6	1556.8	1489.8
8. Bihar Plateau	213.0	224.0	61.0	83.0	26.6	11.7	30.3	4.7	1494.9	1308.4
9. Bihar Plains	176.0	220.0	22.0	64.0	18.7	8.8	31.9	3.2	1347.6	1180.0
10. Uttar Pradesh East	214.0	191.0	54.0	48.0	26.3	5.2	90.7	6.0	1068.0	1022.2
11. Plains of Uttar Pradesh (West)	116.0	162.0	62.0	34.0	28.4	4.6	85.4	9.5	938.8	891.1
12. Hills of Uttar Pradesh (West)	187.0	229.0	77.0	59.0	55.9	11.3	95.9	28.2	1450.8	1674.5
13. Haryana, Chandigarh & Delhi	47.0	108.0	80.0	18.0	26.6	3.7	63.9	8.3	875.5	617.0
14. Punjab	38.0	100.0	50.0	21.0	36.5	4.3	56.2	15.0	896.7	646.3
15. Himachal Pradesh	126.0	157.0	45.0	43.0	93.6	13.7	80.5	38.6	1385.1	1344.3
16. Jammu & Kashmir	65.0	80.0	48.0	28.0	37.9	16.7	23.5	40.8	1045.4	979.5
17. Rajasthan west	42.0	48.0	66.0	5.0	4.6	1.3	0.5	2.1	568.1	319.4
18. Rajasthan East	107.0	118.0	63.0	14.0	19.8	4.0	31.2	3.6	800.0	679.6
19. Madhya Pradesh West	116.0	174.0	57.0	31.0	48.4	14.4	88.9	10.6	1118.3	1012.0
20. Madhya Pradesh East	148.0	213.0	45.0	52.0	46.1	11.6	85.0	5.2	1274.1	1307.8
21. Gujarat Region, Daman, Dadra & Nagar Haveli	121.0	181.0	13.0	26.0	2.3	8.8	2.4	1.4	1408.7	1091.2
22. Saurashtra, Kutch & Diu	171.0	85.0	2.0	16.0	0.2	9.9	0.0	0.4	660.2	582.3
23. Konkan & Goa	199.0	348.0	24.0	113.0	85.9	67.0	50.1	9.0	2930.0	3002.2
24. Madhya Maharashtra	96.0	155.0	74.0	71.0	74.1	29.3	44.0	7.3	1049.1	902.6
25. Marathwada	153.0	179.0	107.0	57.0	86.4	19.5	57.8	8.6	794.2	847.1
26. Vidarbha	153.0	194.0	86.0	46.0	63.9	15.9	97.9	10.9	1068.8	1112.8
27. Coastal Andhra Pradesh	306.0	168.0	101.0	192.0	133.5	101.0	105.5	33.8	1093.0	1044.8
28. Telangana	164.0	188.0	89.0	76.0	57.5	19.3	43.2	5.4	864.7	932.7
29. Rayalaseema	216.0	132.0	82.0	115.0	127.0	71.6	66.5	23.8	805.5	675.4
30. Tamil Nadu and Pondicherry	131.0	103.0	233.0	195.0	378.9	194.1	198.2	88.7	1205.1	993.8
31. Coastal Karnataka	124.0	301.0	145.0	196.0	110.3	70.1	114.3	15.3	4144.6	3467.4
32. North Interior Karnataka	111.0	150.0	69.0	97.0	64.3	29.1	57.5	8.8	750.8	739.9
33. South Interior Karnataka	117.0	138.0	150.0	147.0	134.2	52.2	65.6	12.4	1265.8	1124.6
34. Kerala	290.0	252.0	284.0	297.0	286.5	166.1	92.4	42.9	3213.9	3106.0
35. Lakshadweep	144.0	161.0	214.0	163.0	200.6	102.0	118.7	68.8	1764.3	1494.8

Source: India Meteorological Department, Ministry of Science and Technology



**Table 2.2-ANNUAL RAINFALL**  
(by meteorological sub-divisions)

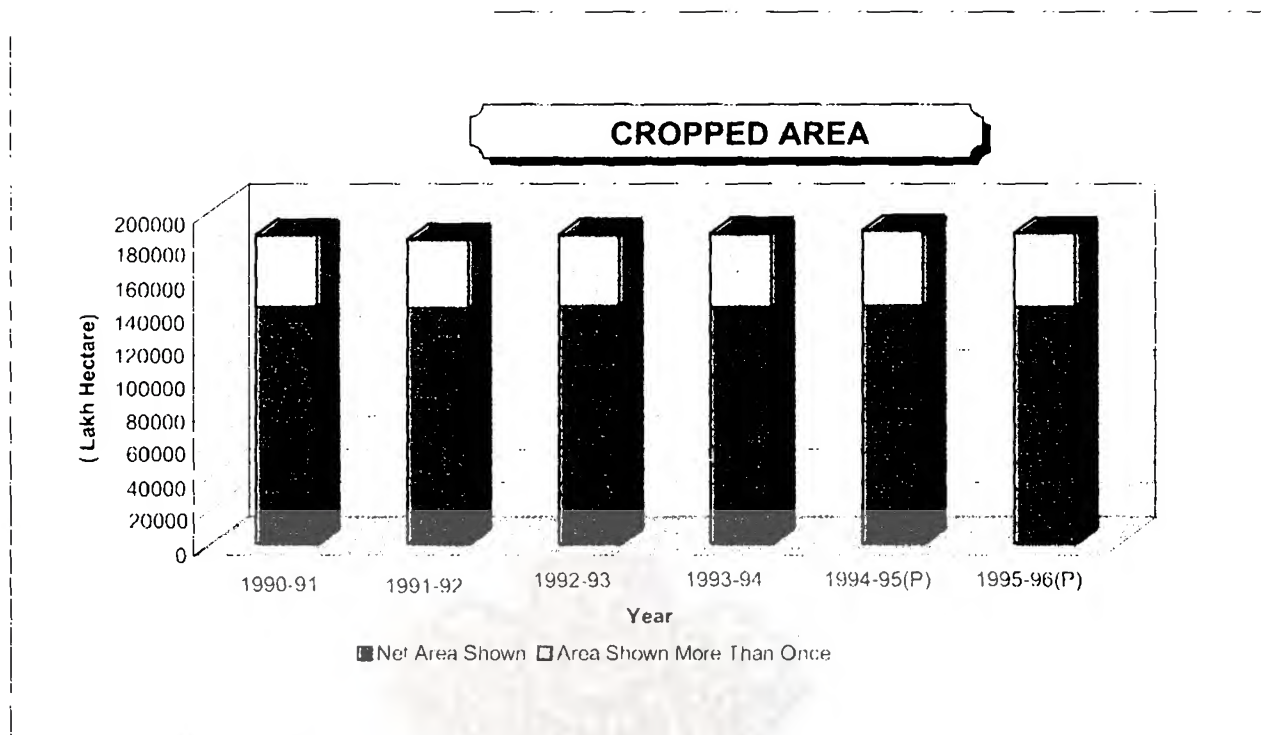
(millimetre)

Sub-division	1991	1992	1993	1994	1995	1996	1997
1	2	3	4	5	6	7	8
1. Andaman and Nicobar Islands	2465.6	2292.6	2428.1	3044.9	3102.1	3165.0	2355.7
2. Arunachal Pradesh	3309.2	1970.2	2839.3	2141.3	2938.9	2589.7	2742.6
3. Assam and Meghalaya	2206.1	12214.5	2993.0	2350.4	2706.1	2635.0	2432.5
4. Nagaland, Mizoram, Manipur and Tripura	2513.4	1680.5	2384.0	1412.5	1670.0	1559.4	1830.9
5. Sub-Himalayan, West Bengal & Sikkim	3105.6	2027.4	2779.1	1868.6	2896.3	2531.1	2350.9
6. Gangetic West Bengal	1969.1	1139.7	1663.5	1457.2	1738.6	1399.5	1670.5
7. Orissa	1583.5	1350.0	1395.0	1759.8	1725.9	1042.4	1556.8
8. Bihar Plateau	1505.7	983.0	1224.4	1470.0	1402.8	1215.8	1494.9
9. Bihar Plains	1024.1	780.5	1209.5	957.9	1088.7	1124.0	1347.6
10. Uttar Pradesh East	833.7	842.3	853.8	985.4	904.5	1047.1	1068.0
11. Plains of Uttar Pradesh West	644.5	784.0	775.8	851.8	869.5	953.4	938.8
12. Hills of Uttar Pradesh West	856.2	1316.1	1427.5	1269.0	1398.0	1259.2	1450.8
13. Haryana, Chandigarh & Delhi	586.4	527.5	661.4	749.3	1066.6	872.2	875.5
14. Punjab	662.2	561.5	693.3	672.8	877.1	747.0	896.7
15. Himachal Pradesh	1319.9	1261.3	1186.0	1420.5	1458.5	1247.4	1385.1
16. Jammu & Kashmir	1132.3	1411.5	656.3	1094.5	893.7	1135.8	1045.4
17. Rajasthan West	166.7	606.2	366.0	509.2	458.4	456.7	568.1
18. Rajasthan East	482.7	801.7	705.9	862.9	808.8	942.2	800.0
19. Madhya Pradesh West	839.4	833.1	1067.4	1351.7	927.1	1142.6	1118.3
20. Madhya Pradesh East	1203.5	1127.4	1230.8	1742.0	1220.8	1125.2	1274.1
21. Gujarat Region, Daman, Dadra & Nagar Haveli	536.7	1135.7	1298.7	1933.0	881.9	1182.0	1408.7
22. Saurashtra, Kutch & Diu	299.4	597.1	412.5	772.3	402.9	480.0	660.2
23. Konkan & Goa	2682.5	2727.4	3229.7	3068.4	2692.9	2656.0	2930.0
24. Madhya Maharashtra	781.3	810.3	1060.7	1105.8	897.8	966.0	1049.1
25. Marathwada	665.3	732.3	825.4	608.5	864.1	844.1	794.2
26. Vidarbha	817.2	1079.4	980.0	1443.3	1089.9	843.6	1068.8
27. Coastal Andhra Pradesh	1185.2	945.3	877.1	1034.5	1354.3	1251.4	1093.0
28. Telangana	866.3	791.0	807.1	882.4	1246.8	1014.8	864.7
29. Rayalaseema	893.9	571.5	818.6	579.5	759.6	1280.1	805.5
30. Tamil Nadu and Pondicherry	969.1	953.7	1170.7	952.5	864.9	1231.9	1205.1
31. Coastal Karnataka	3798.5	3780.8	3431.2	4360.1	3663.5	3121.5	4144.6
32. North Interior Karnataka	855.9	724.6	810.8	701.2	646.5	883.4	750.8
33. South Interior Karnataka	1149.6	1325.8	1171.9	1319.6	1024.9	1231.2	1265.8
34. Kerala	2836.6	3294.1	2816.1	3431.4	2888.6	2683.6	3213.9
35. Lakshadweep	1610.6	1581.8	1473.3	1566.8	1747.6	1603.1	1764.3

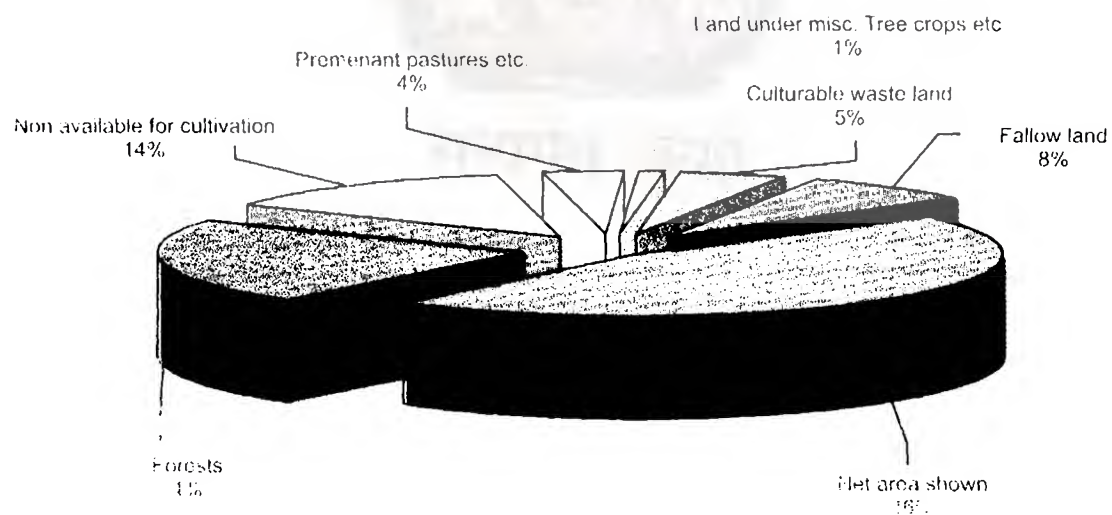
Source: India Meteorological Department, Ministry of Science &amp; Technology

Note : Figures for the year 1991 are based on observatory data while the figures for 1992 onwards are based on District wise rainfall monitoring scheme data.





### LAND UTILISATION (1995-96)



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## CHAPTER 3

# Agriculture

**T**his section contains tables regarding pattern of land utilisation, area, production and yield per hectare of principal crops in India. The section also contains a table on index numbers of agricultural production and on agricultural implements and machinery. The source for these data is the Ministry of Agriculture, which, however collects primary data from individual State Authorities.

**Table 3.1**

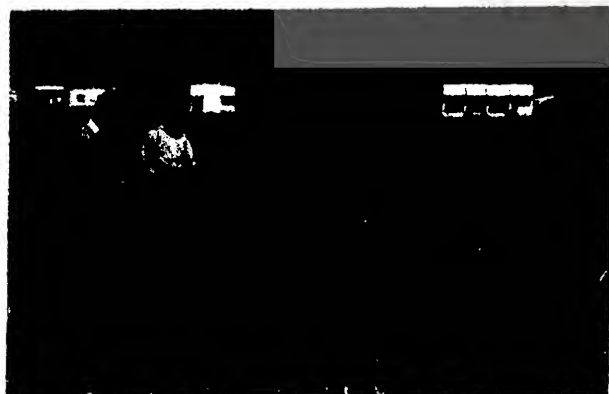
### Reported Area

This table presents data regarding area classified by categories of land utilisation which are explained below:

Reported Area is the area for which information on 'land use by classification of area' is available. Generally land utilisation figures are based on the returns prepared by the village staff for revenue purposes.

Area under 'forests' includes area actually forested or lands classed or administered as forests under any legal enactment dealing with forests whether State-owned or private and whether wooded or maintained as potential forest land. The area of crops raised in the forests and grazing lands open for grazing within the forests are also included under the forest area.

Figures of forest area shown in the table do not tally with corresponding figures of area given in forest section for the following reasons:



- (a) Differences in periods covered: The period of preparation of two sets of figures differ. These figures based on Agricultural Statistics Returns generally relate to the Agricultural Year (July-June) where as the forest area presented in the forest section relates to the financial Year (April-March).
- (b) Diversity in the meaning attached to the term "Area Under Forests" in the Indian Forests Statistics Returns, the whole area including non-wooded area under the control of Forests Deptt., is utilisation.
- (c) Differences in coverage: Forest Deptt. reports are expected to cover all forest areas in the States but Agricultural Statistics relate only to the reporting area.

Area not available for cultivation is the land which as absolutely barren or uncultivable or covered by building, water, roads, railways, mountains, deserts or otherwise appropriated for non-agricultural purposes.

Other unclcultivated land excluding current fallows, include the following categories:

- (i) Permanent pastures and other grazing lands which cover all grazing lands whether they are permanent pastures and meadows or not and village common grazing lands.
- (ii) Land under miscellaneous trees, crops and groves not included in the net area sown which includes all cultivable land, not included under area sown but put to some agricultural use. Land under casuarina trees and others groves for fuel, etc. which are not included under orchards, are also included in this category.
- (iii) Culturable Waste land which includes all lands available for cultivation but not taken up for cultivation or taken up for cultivation once but not cultivated during the year and the last five years or more in succession.

Fallow land implies all lands which were taken up for cultivation but are temporarily out of cultivation for a

period of not less than one year and not more than five years. "Fallow land" has been split up into (i) "current fallow land"; and (ii) "other fallow land" Lands lying fallow for a period of one year, are included under "current fallows", those lying fallow for more than one year but less than five years, are included under "other fallow land" while those fallow beyond a period of five years, are included under "culturable wastes" or under "miscellaneous tree crops and groves" (not included under net area sown) as the case may be.

Net area sown, area sown more than once and total cropped area:- In computing the aggregate net area sown, area sown more than once has been counted only once. However, while calculating the total cropped area, if different crops are raised in a year on a given land, the same area is accounted more than once.

### Tables 3.2 and 3.3

Figures are given for area and production of principal crops in tables 3.2 and 3.3 respectively. Regular all India forecasts are issued in regard to most of these crops viz., all food grains, oilseeds, fibres, potatoes, sugarcane, ginger, black pepper, chillies and tobacco. The estimates of area and production of coffee, tea and rubber are based on special returns received from the State Governments in connection with the all-India publications on these crops. For some recent years, however, in the absence of necessary data, from the State Govts., figures as available from Coffee Board, Tea Board & Rubber Board have been provisionally adopted.

The data relate to crop year ending June unless otherwise stated. Figures for the latest year are the final forecasts while those for the year 1996-97 are partially revised estimates as issued from time to time along with final forecasts. Figures for earlier years are fully revised estimates.

### Table 3.4

This table presents data regarding average yields of principal crops in quintals per hectare. Average yields per hectare of principal crops have been obtained by

dividing the total production by the corresponding total area under each crop. All India and State average yield per hectare has generally been calculated on the basis of area and production figures rounded up to hundreds in the case of forecast crops. In the case of tea, coffee, rubber and minor crops average yield has been calculated on the basis of area and production figures upto the unit place. In the case of coffee yields per hectare relate to plucked area and in the case of rubber to tapped area.

**Table 3.5**

This table shows the index of agricultural production in India on base : Crop years-triennium ending 1981-82=100. The index covers 42 crops divided into two main groups and 8 sub-groups. Weights have been assigned to different crop indices in proportion to the total value of production of each crop during the base periods. The output has been evaluated at annual harvest prices prevailing during the year. In a few cases where reliable harvest prices were not available, average wholesale-prices during the post harvest period have been used with appropriate adjustment. Weights allotted to each crop are mentioned in the table. During recent years a number of additional crops have been covered under the system of crop estimation. The coverage of the all India series has thus been enlarged by including these additional crops viz., fruits and vegetables, turmeric & arecanuts, guar seed etc. These 42 crops now account for nearly 96% of total gross cropped area in the country.

The change over during the last decade or so from the traditional method of reporting area and production of crops to the method of complete enumeration in the case of area and to crop estimation survey for estimation of yield rates and also increase in reporting area, have taken place progressively in respect of different crops in different states. To provide for these changes in coverage and methods of estimation, the index numbers of agricultural production are constructed by the chain-base method under which the production of a crop during a year is expressed as a relative to that of the corresponding production in the preceding year, based on the same coverage and methods of estimation. These relatives for each crop are linked to the base year through the intervening

chain relatives to give the production index for the crop.

The application of chain-base method involves two assumptions which are:

- (i) The variation in production in the non-reporting areas is the same as that in the reporting areas in the aggregate; and
- (ii) The relative variation in the figures of production based on crop-estimation surveys is the same as that based on the traditional method of crop estimation employing eye-appraisal and normal yield figures.

The practical implications of (ii) above are that for the transitional year, that is, when the method of estimation undergoes a change the estimates of production should be available on the basis of both the traditional method and the crop-estimation surveys.

$$\text{Index of Agricultural Production} = \frac{\sum (a_{ij} y_{ij} p_{io})}{\sum (a_{io} y_{io} p_{io})} \times 100$$

or

$$= \frac{\sum (P_{ij} p_{io})}{\sum (P_{io} p_{io})} \times 100$$

where  $a_{ij}$  = area under the  $i$ th crop in the  $j$ th year.

$a_{io}$  = area under the  $i$ th crop in the base period.

$y_{ij}$  = yield per hectare of the  $i$ th crop in the  $j$ th year

$y_{io}$  = yield per hectare of the  $i$ th crop in the base period.

$p_{io}$  = price per unit of the  $i$ th crop in the base period.

$P_{ij}$  = production of the  $i$ th crop in the  $j$ th year.

$P_{io}$  = production of the  $i$ th crop in the base period.

**Table 3.6**

This table gives an account of agricultural implements and machinery in actual use as recorded in the quinquennial livestock censuses. Statewise details are given for the livestock census year 1992.



Table 3.1- PATTERN OF LAND UTILISATION

('000 hectares)

Year/States/ Union Territories	Reporting area for land utilisation statistics	Classification of reported area				
		Forests	Not available for cultivation	Permanent pastures & other grazing lands	Land under misc. tree crops & groves (not included in net area sown)	Culturable waste land
1	2	3	4	5	6	7
1990-91	304862	67805	40476	11404	3818	14995
1991-92	334900	67866	40735	11299	3761	14994
1992-93	304845	68277	40912	11074	3755	14573
1993-94	304881	68392	40904	10966	3696	14409
1994-95(P)	304829	68603	41019	11034	3732	14262
1995-96(P)	304891	68826	41385	11054	3487	14102
<b>1995-96(P)</b>						
<b>States:</b>						
Andhra Pradesh	27440	6148	4652	748	235	785
Arunachal Pradesh (1)	5495	5154	48	#	44	#
Assam (2)	7850	2012	2451	158	214	91
Bihar	17330	2949	3342	114	338	365
Goa	361	126	37	1	£	58
Gujarat (3)	18822	1887	3732	848	4	1977
Haryana	4398	111	494	24	4	23
Himachal Pradesh (3)	3402	1049	348	1194	48	118
Jammu & Kashmir	4505 @	2747 \$	581	126	72	141
Karnataka	19050	3062	2056	1028	320	442
Kerala	3885	1082	356	1	27	74
Madhya Pradesh	44347	14670	4232	2683	22	1460
Maharashtra	30758	5277	2948	1358	222	890
Manipur (4)	2211	602	1445	#	24	#
Meghalaya	2241 @@	937	230	-	162	475
Mizoram	2088	1598	45	-	-	174
Nagaland	1546	863	57	-	130	74
Orissa	15571	5722	1411	514	715	435
Punjab	5033	290	487	6	12	24
Rajasthan	34243	2458	4337	1745	16	5104
Sikkim (5)	710	257	270	69	5	1
Tamil Nadu	13004	2143	2402	125	221	348
Tripura (2)	1049	606	133	#	27	1
Uttar Pradesh	29799	5164	3516	300	527	960
West Bengal	8695	1196	1642	7	79	58
<b>Union Territories:</b>						
A. & N. Islands (3)	793	695	24	4	16	12
Chandigarh (2)	7	£	4	-	£	£
D. & N. Haveli	49	20	4	1	-	£
Daman & Diu (6)	10	-	3	£	1	2
Delhi	147	1	83	£	1	7
Lakshadweep (3)	3	-	£	-	-	-
Pondicherry	49	-	15	£	1	3

(1) As per Agricultural census 1990-91 except total cropped area.

(2) Relates to the year 1993-94.

(4) As per 1972-73 ad-hoc estimates.

(6) Relates to the year 1989-90 except total cropped area.

(3) Relates to the year 1994-95.

(5) Relates to the year 1985-86.

For other footnotes, please see next page.

Table 3.1- PATTERN OF LAND UTILISATION -Concl'd.

('000 hectares)

Year/States Union Territories	Classification of reported area -Concl'd.				
	Fallow land		Net area sown	Area sown more than once	Total cropped area
	Fallow lands other than current fallows	Current fallows			
1	8	9	10	11	12
1990-91	9662	13703	142999	42743	185742
1991-92	9941	14672	141632	40610	182242
1992-93	9675	14155	142717	42983	185700
1993-94(P)	9836	14376	142419	44176	186595
1994-95(P)	9969	13250	142960	45093	188053
1995-96(P)	10013	13809	142215	44346	186561
<b>1995-96(P)</b>					
<b>States:</b>					
Andhra Pradesh	1696	2539	10637	2406	13043
Arunachal Pradesh (1)	36	28	185	59	244 +
Assam (2)	70	74	2780	1158	3938 +
Bihar	973	1928	7321	2698	10019
Goa	£	£	139	26	165
Gujarat (3)	28	737	9609	473	10082 +
Haryana	£	156	3586	2388	5974
Himachal Pradesh (3)	21	56	568	404	972 +
Jammu & Kashmir	7	97	734	339	1073
Karnataka	444	1278	10420	1538	11958
Kerala	29	51	2265	801	3066
Madhya Pradesh	791	737	19752	5288	25040
Maharashtra	1115	1037	17911	3416	21327
Manipur (4)	-	-	140	42	182 +
Meghalaya	165	66	206	41	247
Mizoram	162	-	109	-	109
Nagaland	97	114	211	17	228
Orissa	354	210	6210	3458	9668
Punjab	12	63	4139	3613	7752
Rajasthan	1972	2036	16575	3097	19672
Sikkim (5)	9	4	95	47	142 +
Tamil Nadu	1130	1293	5342	925	6267
Tripura (2)	1	4	277	149	426 +
Uttar Pradesh	856	1077	17399	8394	25793
West Bengal	31	220	5462	3510	8972
<b>Union Territories:</b>					
A. & N. Islands (3)	3	1	38	11	49 +
Chandigarh (2)	1	£	2	2	4
D. & N. Haveli	£	1	23	4	27
Daman & Diu (6)	£	£	4	1	5
Delhi	8	£	47	20	67
Lakshadweep (3)	-	-	3	1	4
Pondicherry	2	2	26	19	45

Source: Directorate of Economics and Statistics, Ministry of Agriculture

@ Excludes area under the illegal occupation of China.

\$ Includes Forest area of 2089 thou. hect. reported by the Chief Conservator of Forests of the State.

# Includes under the head 'Land under Miscellaneous tree crops and groves etc'.

£ Below 500 hectares. £ Not available separately, included under culturable waste.

+ Forecast data has been utilised in estimating gross cropped area.

@@ Excludes area under the Municipality and Town Committee.

For other footnotes, please see pre-page.

Table 3.2-AREA UNDER PRINCIPAL CROPS

('000 hectares)

Year/States/ Union Territories	Foodgrains (cereals)								Total Cereals (Cols. 2 to 9)	Foodgrains (pulses)	
	Rice	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley		Gram	Tur
1	2	3	4	5	6	7	8	9	10	11	12
1990-91	42687	14358	10477	5904	2171	2447	24167	962	103173	7521	3593
1991-92	42649	12360	10028	5859	2130	2088	23262	954	99330	5580	3627
1992-93	41775	13041	10617	5963	1905	1983	24589	916	100788	6454	3576
1993-94	42539	12710	9546	5995	1884	1888	25147	794	100504	6359	3532
1994-95	42814	11514	10223	6136	1764	1792	25700	891	100812	7543	3314
1995-96	42837	11326	9319	5979	1774	1662	25011	824	98732	7116	3447
1996-97	43433	11431	9980	6260	1784	1601	25887	757	101134	6847	3513
1997-98	43420	10985	9712	6305	1707	1553	26686	854	101221	7541	3462
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	3501	760	93	396	97	68	9	-	4923	120	314
Arunachal Pradesh	120	-	-	35	-	18	4	-	177	-	@
Assam	2490	-	-	19	-	10	85	-	2604	3	7
Bihar	4976	3	7	690	76	45	2081	40	7917	127	61
Goa	56	-	-	@	3	-	-	-	59	-	-
Gujarat	672	284	1096	400	19	18	694	-	3182	123	395
Haryana	910	130	584	24	-	-	2064	40	3752	355	36
Himachal Pradesh	86	-	@	312	4	12	357	26	798	2	@
Jammu & Kashmir	276	-	10	311	-	14	258	8	877	1	-
Karnataka	1378	1903	301	559	949	75	251	-	5416	337	421
Kerala	404	3	-	-	2	3	-	-	412	-	@
Madhya Pradesh	5403	903	139	834	13	896	4520	86	12795	2593	409
Maharashtra	1477	5500	1671	241	157	99	747	2	9894	715	1012
Manipur	158	-	-	4	-	-	-	-	162	-	-
Meghalaya	105	-	-	17	-	3	4	-	130	1	1
Mizoram	68	-	-	8	-	-	-	-	76	-	@
Nagaland	145	-	-	30	-	12	2	-	189	@	2
Orissa	4497	15	5	52	80	41	5	-	4695	35	155
Punjab	2279	1	4	168	-	-	3301	39	5792	13	11
Rajasthan	163	561	4702	964	-	18	2680	263	9351	2214	45
Sikkim	16	-	-	39	5	-	8	1	70	-	-
Tamil Nadu	2361	530	222	82	144	90	@	-	3430	6	111
Tripura	258	-	-	2	-	-	2	-	262	1	1
Uttar Pradesh	5664	384	876	1074	144	125	9221	343	17830	870	475
West Bengal	5900	1	@	44	12	5	367	6	6335	26	4
<b>Union Territories:</b>											
A. & N. Islands	12	-	-	-	-	-	-	-	12	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	13	1	@	-	2	-	-	-	16	@	2
Daman & Diu	2	-	-	-	-	-	-	-	2	-	-
Delhi	4	6	2	-	-	-	26	@	38	@	@
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	26	-	@	-	@	-	-	-	27	-	-

@ 500 hectares and less

Table 3.2-AREA UNDER PRINCIPAL CROPS-Contd

('000 hectares)

Year/States/ Union Territories	Foodgrains (pulses)-		Total Food grains	Oilseeds						Cotton (lint)	Jute
	Other Pulses	Total Pulses		Ground- nut	Sesa- mum	Rapeseed and mustard	Linseed	Castor seed	Total oilseeds (1)		
1	13	14	15	16	17	18	19	20	21	22	23
1990-91	13831	24662	127835	8309	2516	5782	1099	810	24148	7440	778
1991-92	13336	22543	121873	8668	2627	6553	886	712	26774	7661	875
1992-93	12331	22360	123148	8166	2129	6193	895	660	25236	7542	727
1993-94	12360	22250	122754	8322	2217	6289	953	685	26897	7321	695
1994-95	12171	23028	123712	7849	1971	6060	948	779	25304	7871	739
1995-96	11720	22283	121015	7524	1826	6546	843	789	25964	9035	737
1996-97	12087	22447	123581	7596	1992	6545	827	740	26811	9121	897
1997-98	11844	22847	124068	7280	1739	7064	819	647	26013	8904	920
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	1036	1470	6393	1813	131	3	6	170	2514	898	-
Arunachal Pradesh	7	7	183	-	1	21	-	-	24	-	-
Assam	108	118	2722	-	16	279	10	2	317	2	94
Bihar	731	918	8835	5	17	101	60	1	224	@	168
Goa	11	11	70	2	-	-	-	-	2	-	-
Gujarat	377	895	4077	1926	296	346	-	348	2922	1519	-
Haryana	31	422	4174	2	3	555	-	-	595	638	-
Himachal Pradesh	33	35	832	@	5	10	3	-	18	@	-
Jammu & Kashmir	30	31	908	@	6	63	1	-	70	@	-
Karnataka	897	1655	7071	1022	114	5	22	20	2156	518	-
Kerala	21	21	433	13	4	-	-	-	17	12	-
Madhya Pradesh	2027	5029	17823	253	180	737	412	3	5885	517	-
Maharashtra	1540	3267	13161	552	148	11	111	9	2624	3139	-
Manipur	-	-	162	-	1	2	-	-	3	@	-
Meghalaya	1	2	132	-	1	7	-	-	9	8	4
Mizoram	4	4	80	-	5	4	-	-	10	1	-
Nagaland	14	16	205	2	3	10	3	-	29	@	@
Orissa	616	806	5501	95	64	20	32	22	413	22	9
Punjab	63	87	5879	9	14	70	@	-	192	727	-
Rajasthan	2130	4389	13740	326	268	3276	11	37	4418	645	-
Sikkim	7	7	76	-	-	6	-	-	10	-	-
Tamil Nadu	492	609	4039	1080	164	1	-	35	1313	248	-
Tripura	7	9	271	2	3	6	-	-	11	1	1
Uttar Pradesh	1463	2808	20637	146	167	1203	131	@	1725	9	@
West Bengal	187	217	6552	29	128	327	17	@	510	@	642
<b>Union Territories:</b>											
A. & N. Islands	2	2	15	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	2	4	20	-	-	-	-	-	-	-	-
Daman and Diu	1	1	3	-	-	-	-	-	-	-	-
Delhi	-	-	39	-	-	6	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	6	6	33	2	@	-	-	-	2	@	-

@ 500 hectares and less.

(1) Relates to the nine number of oilseeds viz., groundnut, sesamum, rapeseed and mustard, linseed, castor seed, niger seed, safflower, sunflower and soyabean.



Table 3.2- AREA UNDER PRINCIPAL CROPS-Concl'd.

('000 hectares)

Year/States/ Union Territories	Mesta	Tea (2)	Coffee	Natural Rubber (Tapped area)	Banana	Sugar cane	Tobacco	Potato	Black Pepper	Chill- ies (dry)	Ginger (dry)	Coconut	Tur- meric
1	24	25	26	27	28	29	30	31	32	33	34	35	36
1990-91	239	421	271	306	365	3686	411	936	173	816	54	1475	119
1991-92	243	444	300	323	379	4105	427	1030	184	847	60	1529	120
1992-93	206	448	299	331	425	4112	419	1053	189	962	60	1538	130
1993-94	191	426	292	338	433	3422	385	1047	191	930	61	1635	148
1994-95	190	428	293	346	441	3867	381	1069	193	829	88	1714	149
1995-96	189	430	305	356	428	4147	394	1109	198	883	90	1833	139
1996-97	204	432	304	366	438	4174	428	1249	180	944	70	1891	135
1997-98	195	..	306	365	444	3967	464	1209	182	832	67	1898	125
<b>1997-98</b>													
<b>States:</b>													
Andhra Pradesh	86	..	9	-	45	192	202	2	-	175	2	95	48
Arunachal Pradesh	-	..	1	-	3	-	-	5	-	1	4	-	@
Assam	6	..	2	1	43	31	2	75	-	14	-	20	10
Bihar	17	..	-	-	16	111	20	167	-	6	1	-	3
Goa	-	..	-	@	-	1	-	-	-	-	-	25	-
Gujarat	-	..	-	-	18	165	111	29	-	19	1	-	@
Haryana	-	..	-	-	-	142	@	13	-	3	@	-	-
Himachal Pradesh	-	..	-	-	-	4	@	14	-	1	1	-	-
Jammu & Kashmir	-	..	-	-	-	@	@	2	-	1	-	-	-
Karnataka	6	..	172	10	23	310	70	34	4	164	4	287	4
Kerala	-	..	83	335	75	6	@	-	174	@	13	1020	4
Madhya Pradesh	3	..	@	-	19	56	@	50	-	47	4	-	1
Maharashtra	31	..	-	-	84	460	9	15	-	109	1	15	7
Manipur	-	..	1	@	3	1	-	3	-	7	1	-	-
Meghalaya	5	..	1	-	5	@	1	21	-	2	7	-	1
Mizoram	-	..	3	-	3	1	-	1	-	3	3	-	@
Nagaland	-	..	3	-	-	1	-	4	-	@	1	-	-
Orissa	29	..	1	-	23	19	8	9	-	92	7	53	14
Punjab	-	..	-	-	-	129	-	55	-	5	-	-	-
Rajasthan	-	..	-	-	-	23	1	2	-	41	@	-	@
Sikkim	-	..	-	-	1	-	-	6	-	-	-	-	@
Tamil Nadu	@	..	31	13	74	322	5	2	3	58	5	320	15
Tripura	3	..	1	5	5	1	@	5	-	2	1	9	1
Uttar Pradesh	-	..	-	-	2	1963	22	411	-	20	1	-	1
West Bengal	10	..	-	-	-	26	11	284	-	64	9	24	13
<b>Union Territories:</b>													
A. & N. Islands	-	..	-	1	2	@	-	-	@	-	1	25	-
Chandigarh	-	..	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	-	..	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	..	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	..	-	-	-	-	-	@	-	-	-	-	-
Lakshadweep	-	..	-	-	@	-	-	-	-	-	-	3	-
Pondicherry	-	..	-	-	@	2	-	-	@	@	-	2	-

Source: Directorate of Economics and Statistics, Ministry of Agriculture

@ 500 hectare and less.

(2) Data relate to Calendar Year basis besides data for the year 1994-95, 1995-96 and 1997-98 are subject to revision.

Table 3.3- PRODUCTION OF PRINCIPAL CROPS

('000 tonnes)

Year/States/ Union Territories	Foodgrains (cereals)								Total Cereals (Cols. 2 to 9)	Foodgrains (pulses)	
	Rice	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley		Gram	Tur
1	2	3	4	5	6	7	8	9	10	11	12
1990-91	74291	11681	6894	8962	2340	1190	55135	1632	162125	5356	2417
1991-92	74678	8100	4665	8064	2582	882	55690	1699	156359	4121	2133
1992-93	72868	12806	8881	9992	2531	869	57210	1512	166669	4417	2331
1993-94	80298	11415	4974	9601	2597	917	59840	1313	170956	4981	2692
1994-95	81814	8965	7159	8884	2342	798	65767	1283	177458	6436	2144
1995-96	76975	9327	5381	9534	2501	779	62097	1510	168105	4979	2309
1996-97	81737	10934	7865	10769	2347	728	69350	1462	185192	5566	2656
1997-98	82300	7982	7689	10852	2307	659	65907	1669	179364	6127	1948
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	8510	552	68	1084	102	42	7	-	10365	90	58
Arunachal Pradesh	130	-	-	50	-	18	6	-	204	-	@
Assam	3383	-	-	15	-	5	110	-	3513	2	5
Bihar	6775	3	4	1175	69	25	4159	42	12252	92	73
Goa	147	-	-	-	2	-	-	-	151	-	-
Gujarat	1042	229	1495	658	18	7	1647	-	5096	99	296
Haryana	2545	30	673	46	-	-	7554	112	10960	310	43
Himachal Pradesh	120	-	@	621	4	7	531	35	1318	3	@
Jammu & Kashmir	549	-	5	441	-	7	432	4	1438	1	@
Karnataka	3334	1627	139	1669	1401	34	115	-	8319	116	95
Kerala	661	2	-	-	1	2	-	-	666	-	@
Madhya Pradesh	4488	752	144	1100	4	214	7346	108	14156	2420	262
Maharashtra	2395	3780	1119	298	147	50	675	1	8465	291	412
Manipur	352	-	-	13	-	-	-	-	365	-	-
Meghalaya	150	-	-	25	-	2	7	-	184	1	1
Mizoram	111	-	-	16	-	-	-	-	127	-	@
Nagaland	187	-	-	30	-	7	3	-	227	@	2
Orissa	6205	9	3	64	47	19	6	-	6353	22	79
Punjab	7897	@	4	352	-	-	12719	117	21089	11	8
Rajasthan	190	267	2511	1217	-	10	6700	503	11398	1925	36
Sikkim	21	-	-	56	5	-	14	2	98	-	-
Tamil Nadu	7052	388	263	133	305	77	@	-	8218	4	97
Tripura	536	-	-	2	-	-	4	-	542	@	1
Uttar Pradesh	12165	338	1260	1657	185	128	23037	740	39510	726	477
West Bengal	13237	1	@	130	15	3	811	5	14202	17	2
<b>Union Territories:</b>											
A. & N. Islands	30	-	-	-	-	-	-	-	30	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	20	1	-	-	2	@	@	-	27	@	1
Daman & Diu	3	-	-	-	-	-	-	-	3	-	-
Delhi	3	3	1	-	-	-	24	@	31	@	@
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	62	-	@	-	@	-	-	-	62	-	-

@ 500 tonnes and less.

Table 3.3- PRODUCTION OF PRINCIPAL CROPS - Contd.

('000 tonnes)

Year/States/ Union Territories	Foodgrains (pulses)-		Total Food grains	Oilseeds						Cotton	Jute
	Other Pulses	Total Pulses		Ground- nut(1)	Sesa- mum	Rapeseed and mustard	Linseed	Castor seed	Total oilseeds		
1	13	14	15	16	17	18	19	20	21	22	23
1990-91	6492	14265	176390	7515	835	5229	332	716	18609	9842	7917
1991-92	5761	12015	168373	7095	706	5863	292	577	18600	9714	8936
1992-93	6067	12815	179484	8565	758	4803	278	623	20107	11403	7495
1993-94	5632	13305	184260	7829	564	5328	330	635	21496	10741	7360
1994-95	5458	14038	191495	8062	587	5758	323	845	21337	11888	7997
1995-96	5022	12310	180415	7579	531	6000	292	777	22106	12861	7675
1996-97	6022	14244	199436	8643	641	6658	309	901	24961	14231	9961
1997-98	4995	13070	192434	7845	600	4713	241	836	22015	11140	10011
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	427	575	10940	1182	18	1	1	47	1502	1300	-
Arunachal Pradesh	7	7	210	-	1	19	-	-	22	-	-
Assam	57	64	3578	-	8	155	5	1	174	1	887
Bihar	481	646	12899	6	10	89	33	1	165	-	1456
Goa	8	8	158	2	-	-	-	-	2	-	-
Gujarat	218	613	5710	2616	177	350	-	687	3835	3180	-
Haryana	22	375	11335	2	1	370	-	-	422	1129	-
Himachal Pradesh	10	13	1331	-	2	6	1	-	9	@	-
Jammu & Kashmir	16	17	1455	@	2	45	-	-	47	-	-
Karnataka	270	481	8799	754	39	1	6	31	1260	985	-
Kerala	15	15	681	10	1	-	-	-	11	20	-
Madhya Pradesh	572	3254	17411	258	38	423	99	1	5775	504	-
Maharashtra	540	1243	9709	618	37	2	15	2	1734	1753	-
Manipur	-	-	365	-	1	1	-	-	2	@	-
Meghalaya	6	8	192	-	1	5	-	-	7	6	32
Mizoram	7	7	129	-	4	6	-	-	12	3	-
Nagaland	11	13	239	2	2	8	2	-	26	@	5
Orissa	182	283	6637	89	12	3	13	9	206	36	68
Punjab	41	60	21149	9	4	61	@	-	217	941	-
Rajasthan	674	2635	14033	365	53	2193	6	47	3295	868	-
Sikkim	6	6	103	-	-	4	-	-	7	-	-
Tamil Nadu	170	271	8489	1761	74	-	-	11	1880	404	-
Tripura	4	5	547	2	1	5	-	-	8	2	13
Uttar Pradesh	1115	2318	41829	128	25	714	56	-	1007	8	-
West Bengal	131	150	14351	39	89	251	4	-	388	@	7550
<b>Union Territories:</b>											
A. & N. Islands	2	2	32	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	2	3	26	-	-	-	-	-	-	-	-
Daman & Diu	1	1	4	-	-	-	-	-	-	-	-
Delhi	-	@	31	-	-	1	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	3	3	66	2	-	-	-	-	2	-	-

(1) Data relate to nuts in shell.

@ 500 tonnes/bales and less.

(2) Production of cotton is in bales of 170 kgs. each and Jute &amp; Mesta in bales of 180 kgs. each.

Table 3.3- PRODUCTION OF PRINCIPAL CROPS - Concl'd.

('000 tonnes)

Year/States/ Union Territories	Mesta '000 B	Tea (3)	Coffee Rubber	Natural Rubber	Banana	Sugar cane	Tobacco	Potato	Black Pepper	Chilli- ies (dry)	Ginger (dry)	Coconut	Tur- meric
1	24	25	26	27	28	29	30	31	32	33	34	35	36
1990-91	1311	720	170	330	7153	241046	556	15206	48	719	154	973	342
1991-92	1350	754	180	367	7853	253995	584	16388	52	618	183	1008	373
1992-93	1094	704	162	394	8523	228033	597	15230	51	862	202	1124	408
1993-94	1068	753	208	435	9945	229659	563	17392	51	800	186	1197	707
1994-95	1079	754	198	472	10686	275540	567	17401	61	795	171	1330	622
1995-96	1132	780	226	507	10182	281100	535	18843	62	810	171	1295	463
1996-97	1169	811	180	549	10299	277560	618	24216	56	1066	233	1306	529
1997-98	1104	..	224	550	10982	276254	646	17652	57	822	234	1309	487
<b>1997-98</b>													
<b>States:</b>													
Andhra Pradesh	587	..	1	-	942	13734	197	11	-	304	7	78	273
Arunachal Pradesh	-	..	-	-	11	-	-	33	-	2	32	-	1
Assam	29	..	-	1	601	1288	1	672	-	10	-	13	7
Bihar	120	..	-	-	122	5039	15	1462	-	5	1	-	4
Goa	-	..	-	@	-	62	-	-	-	-	-	12	-
Gujarat	-	..	-	-	1072	11836	184	624	-	21	3	-	7
Haryana	-	..	-	-	-	7550	@	178	-	2	@	-	-
Himachal Pradesh	-	..	-	-	-	139	@	156	-	@	1	-	-
Jammu & Kashmir	-	..	-	-	-	6	@	2	-	@	-	-	-
Karnataka	9	..	159	11	629	28333	61	382	1	131	5	149	25
Kerala	-	..	46	513	629	548	@	-	55	1	52	591	8
Madhya Pradesh	7	..	-	-	495	2111	@	667	-	21	5	-	1
Maharashtra	46	..	-	-	3130	38174	14	72	-	61	1	23	9
Manipur	-	..	-	@	42	43	-	17	-	4	1	-	-
Meghalaya	22	..	-	@	63	2	1	200	-	1	45	-	6
Mizoram	-	..	-	-	15	8	1	4	-	3	21	-	4
Nagaland	-	..	-	-	-	50	-	31	-	3	4	-	-
Orissa	170	..	-	-	257	1144	5	87	-	75	8	27	28
Punjab	-	..	-	-	-	7330	-	852	-	8	-	-	-
Rajasthan	-	..	-	-	-	1159	2	23	-	69	1	-	1
Sikkim	-	..	-	-	1	-	-	28	-	-	4	-	1
Tamil Nadu	1	..	18	19	2881	35684	8	43	1	28	15	372	84
Tripura	24	..	-	5	33	55	@	91	-	1	2	1	3
Uttar Pradesh	-	..	-	-	42	119974	152	6067	-	16	7	-	2
West Bengal	89	..	-	-	-	1826	6	5949	-	56	19	31	24
<b>Union Territories:</b>													
A. & N. Islands	-	..	-	1	10	5	-	-	@	-	1	9	-
D. & N. Haveli	-	..	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	..	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	..	-	-	-	-	-	1	-	-	-	-	-
Lakshadweep	-	..	-	-	@	-	-	-	-	-	-	3	-
Pondicherry	-	..	-	-	7	155	-	-	@	@	-	2	-

Source: Directorate of Economics and Statistics, Ministry of Agriculture

(2) Production of cotton is in bales of 170kgs. each and Jute &amp; Mesta in bales of 180 Kgs. each.

(3) Data relate to calendar year. Besides data for the year 1994-95 and onwards are estimated and are subject subject to revision.

(4) In terms of crore nuts.

@ 500 tonnes and less.



Table 3.4- AVERAGE YIELD OF PRINCIPAL CROPS

(Quintals per hectare)

Year/States/ Union Territories	Foodgrains (cereals)								Foodgrains(pulses)		
	Rice	Jowar	Bajra	Maize	Ragi	Small millets	Wheat	Barley	Total Cereals	Gram	Tur
1	2	3	4	5	6	7	8	9	10	11	12
1990-91	17.4	8.1	6.6	15.2	10.8	4.9	22.8	17.0	15.7	7.1	6.7
1991-92	17.5	6.6	4.7	13.8	12.1	4.2	23.9	17.8	15.7	7.4	5.9
1992-93	17.4	9.8	8.4	16.8	13.3	4.4	23.3	16.5	16.5	6.8	6.5
1993-94	18.9	9.0	5.2	16.0	13.8	4.9	23.8	16.5	17.0	7.8	7.6
1994-95	19.1	7.8	7.0	14.5	13.3	4.4	25.6	14.4	17.6	8.5	6.5
1995-96	18.0	8.2	5.8	16.0	14.1	4.7	24.8	18.3	17.0	7.0	6.7
1996-97	18.8	9.6	7.9	17.2	13.2	4.5	26.8	19.3	18.3	8.1	7.6
1997-98	19.0	7.3	7.9	17.2	13.5	4.2	24.7	19.6	17.7	8.1	5.6
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	24.3	7.3	7.3	27.4	10.4	6.2	-	-	21.1	7.5	1.8
Arunachal Pradesh	10.8	-	-	14.5	-	9.7	-	-	11.5	-	-
Assam	13.6	-	-	7.7	-	-	13.0	-	13.5	-	-
Bihar	13.6	-	-	17.0	-	5.6	20.0	10.7	15.5	7.2	12.0
Goa	26.6	-	-	-	-	-	-	-	25.6	-	-
Gujarat	15.5	8.1	13.6	16.5	9.5	-	23.7	-	16.0	8.0	7.5
Haryana	28.0	2.3	11.5	19.2	-	-	36.6	28.0	29.2	8.7	12.1
Himachal Pradesh	14.0	-	-	19.9	-	6.3	14.9	13.1	16.5	-	-
Jammu & Kashmir	19.9	-	-	14.2	-	-	16.7	-	16.4	-	-
Karnataka	24.2	8.6	4.6	29.9	14.8	4.6	4.6	-	15.4	3.4	2.3
Kerala	16.4	-	-	-	-	-	-	-	16.2	-	-
Madhya Pradesh	8.3	8.3	10.4	13.2	-	2.4	16.3	12.5	11.1	9.3	6.4
Maharashtra	16.2	6.9	6.7	12.3	9.4	5.0	9.0	-	8.6	4.1	4.1
Manipur	22.3	-	-	-	-	-	-	-	22.6	-	-
Meghalaya	14.3	-	-	-	-	-	-	-	14.2	-	-
Mizoram	16.2	-	-	-	-	-	-	-	16.7	-	-
Nagaland	12.9	-	-	-	-	-	-	-	12.0	-	-
Orissa	13.8	-	-	12.3	5.9	4.6	15.2	-	13.5	6.3	5.1
Punjab	34.7	-	-	21.0	-	-	38.5	30.0	36.4	8.3	-
Rajasthan	11.6	4.8	5.3	12.6	-	-	25.0	19.1	12.2	8.7	7.9
Sikkim	13.6	-	-	14.4	-	-	-	-	14.0	-	-
Tamil Nadu	29.9	7.3	11.8	16.2	21.1	8.5	-	-	24.0	-	8.8
Tripura	20.8	-	-	-	-	-	-	-	20.7	-	-
Uttar Pradesh	21.5	8.8	14.4	15.4	12.9	10.3	25.0	21.6	22.2	8.4	10.0
West Bengal	22.4	-	-	30.0	12.1	-	22.1	-	22.4	6.7	-
<b>Union Territories:</b>											
A. & N. Islands	24.6	-	-	-	-	-	-	-	25.0	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	15.0	-	-	-	-	-	-	-	14.4	-	-
Daman & Diu	15.0	-	-	-	-	-	-	-	-	-	-
Delhi	8.0	-	-	-	-	-	-	-	8.1	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	23.3	-	-	-	-	-	-	-	23.1	-	-

Table 3.4- AVERAGE YIELD OF PRINCIPAL CROPS-Contd.

(Quintals per hectare)

Year/States/ Union Territories	Foodgrains (pulses)-		Total Food grains	Oilseeds						Cotton	Jute
	Other Pulses	Total Pulses		Ground- nut(nuts in Shells	Sesa- mum	Rapeseed and mustard	Linseed	Castor seed	Total oilseeds		
1	13	14	15	16	17	18	19	20	21	22	23
1990-91	4.7	5.8	13.8	9.0	3.3	9.0	3.0	8.8	7.7	2.2	18.3
1991-92	4.3	5.3	13.8	8.2	2.7	8.9	3.3	8.1	7.2	2.2	18.4
1992-93	4.9	5.7	14.6	10.5	3.6	7.8	3.1	9.4	8.0	2.6	18.6
1993-94	4.6	6.0	15.0	9.4	2.5	8.5	3.5	9.3	8.0	2.5	19.1
1994-95	4.5	6.1	15.5	10.3	3.0	9.5	3.4	10.9	8.4	2.6	19.5
1995-96	4.3	5.5	14.9	10.1	2.9	9.2	3.5	9.9	8.5	2.4	18.8
1996-97	5.0	6.4	16.1	11.4	3.2	10.2	3.7	12.2	9.3	2.7	20.0
1997-98	4.2	5.7	15.5	10.8	3.4	6.7	2.9	12.9	8.5	2.1	19.6
1997-98											
States:											
Andhra Pradesh	4.1	3.9	17.1	6.5	1.4	-	-	2.6	6.0	2.5	16.9
Arunachal Pradesh	10.0	-	11.5	-	-	9.3	-	-	9.2	-	-
Assam	5.3	5.5	13.1	-	5.3	5.5	-	-	5.5	-	-
Bihar	6.6	7.0	14.6	12.2	5.9	8.9	5.4	-	7.4	-	15.6
Goa	7.3	-	23.0	10.0	-	-	-	-	10.0	-	-
Gujarat	5.8	6.8	14.0	13.6	6.0	10.1	-	19.7	13.1	3.7	-
Haryana	7.1	8.9	27.2	9.0	-	6.7	-	-	7.1	3.0	-
Himachal Pradesh	3.0	3.6	16.0	13.3	-	-	-	-	5.0	-	-
Jammu & Kashmir	5.3	5.4	16.0	-	-	7.2	-	-	6.7	-	-
Karnataka	3.0	2.9	12.4	7.4	3.4	-	-	15.4	5.8	3.2	-
Kerala	7.1	7.1	15.7	7.3	-	-	-	-	6.5	2.8	-
Madhya Pradesh	2.8	6.5	9.8	10.2	2.1	5.7	2.3	-	9.8	1.7	-
Maharashtra	3.5	3.8	7.4	11.2	2.5	-	1.3	-	6.6	0.9	-
Manipur	-	-	22.6	-	-	-	-	-	6.7	-	-
Meghalaya	60.0	-	14.5	-	-	-	-	-	7.8	-	-
Mizoram	17.5	-	16.0	-	-	-	-	-	12.0	-	-
Nagaland	7.9	7.9	11.7	-	-	-	-	-	9.0	-	-
Orissa	3.0	3.5	12.1	9.5	1.9	-	4.1	4.1	5.0	2.9	13.4
Punjab	6.5	6.8	36.0	-	-	8.7	-	-	11.3	2.2	-
Rajasthan	3.2	6.0	10.2	11.2	2.0	6.7	5.5	12.9	7.5	2.3	-
Sikkim	8.6	-	13.6	-	-	-	-	-	7.0	-	-
Tamil Nadu	3.5	4.4	21.0	16.3	4.5	-	-	3.1	14.3	2.9	-
Tripura	5.7	-	20.2	-	4.5	-	-	-	7.3	-	-
Uttar Pradesh	7.6	8.3	20.3	8.7	1.5	5.9	4.3	-	5.8	1.6	-
West Bengal	7.0	6.9	21.9	13.1	7.0	7.7	2.6	-	7.6	-	21.2
Union Territories:											
A. & N. Islands	10.0	-	21.7	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	10.0	-	13.2	-	-	-	-	-	-	-	-
Daman & Diu	10.0	-	11.8	-	-	-	-	-	-	-	-
Delhi	-	-	8.0	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	5.0	-	20.0	-	-	-	-	-	10.0	-	-

Table 3.4- AVERAGE YIELD OF PRINCIPAL CROPS-Concl'd.

(Quintals per hectare)

Year/States/ Union Territories	Mesta	Tea	Coffee	Rubber	Banana	Sugar cane	Tobacco	Potatos	Pepper (black)	Chillies (dry)	Ginger (dry)	Coconut (2)	Turmeric
1	24	25	26	27	28	29	30	31	32	33	34	35	36
1990-91	9.9	17.1	6.3	10.8	196.0	653.9	13.5	162.5	2.8	8.8	28.4	6.6	28.8
1991-92	10.0	17.0	6.0	11.4	207.2	618.7	13.7	159.1	2.8	7.3	30.5	6.6	31.1
1992-93	9.6	15.7	5.4	11.9	200.5	554.6	14.2	144.6	2.7	9.0	33.6	7.3	31.4
1993-94	10.1	17.7	7.1	12.9	229.5	671.2	14.6	166.1	2.7	8.6	30.7	7.3	47.9
1994-95	10.2	17.6	6.8	13.6	242.3	712.5	14.9	162.8	3.1	9.6	19.6	7.8	41.6
1995-96	10.8	18.1	7.4	14.7	237.9	677.8	13.6	169.9	3.1	9.2	19.0	7.1	33.3
1996-97	10.3	18.8	5.9	15.9	235.1	665.0	14.4	193.9	3.1	11.3	33.1	6.9	39.1
1997-98	10.2	..	6.5	15.9	247.3	696.5	13.9	146.0	3.1	9.9	34.8	6.9	39.1
<b>1997-98</b>													
<b>States:</b>													
Andhra Pradesh	12.3	..	1.1	-	209.4	714.9	9.7	55.0	-	17.4	35.4	8.2	56.9
Arunachal Pradesh	-	..	-	-	32.4	-	-	74.0	-	12.3	76.6	-	33.3
Assam	8.9	..	-	10.0	139.8	411.3	5.0	89.2	-	6.6	-	6.4	6.9
Bihar	12.4	..	-	-	75.2	456.0	7.2	87.3	-	8.5	14.0	-	11.6
Goa	-	..	-	-	-	480.0	-	-	-	-	-	4.8	-
Gujarat	-	..	-	-	592.0	717.3	16.6	218.9	-	11.5	40.0	-	185.0
Haryana	-	..	-	-	-	531.7	-	137.0	-	8.1	-	-	-
Himachal Pradesh	-	..	-	-	-	366.0	-	113.3	-	2.7	2.5	-	-
Jammu & Kashmir	-	..	-	-	-	325.0	-	11.1	-	6.7	4.8	-	-
Karnataka	2.7	..	9.2	11.0	277.2	914.5	8.7	111.1	2.5	8.0	13.2	5.2	55.6
Kerala	-	..	5.5	15.3	84.1	929.0	-	-	3.2	10.0	38.2	5.8	23.3
Madhya Pradesh	-	..	-	-	261.7	378.3	7.5	132.8	-	4.5	13.3	-	8.6
Maharashtra	2.7	..	-	-	374.9	829.3	14.7	47.0	-	5.6	9.6	15.0	12.5
Manipur	-	..	-	-	128.5	329.2	-	52.8	-	6.0	16.5	-	-
Meghalaya	-	..	-	-	121.2	23.0	7.1	96.4	-	6.1	61.5	-	45.7
Mizoram	-	..	-	-	53.2	57.7	10.0	52.8	-	11.8	77.7	-	90.0
Nagaland	-	..	-	-	-	500.0	-	80.8	-	67.5	80.0	-	-
Orissa	10.6	..	-	-	110.9	611.8	6.2	98.0	-	8.2	10.8	5.1	19.6
Punjab	-	..	-	-	-	568.2	-	155.8	-	17.0	-	-	-
Rajasthan	-	..	-	-	-	499.4	-	105.5	-	17.0	20.3	-	70.0
Sikkim	-	..	-	-	-	-	-	46.3	-	-	8.5	-	30.0
Tamil Nadu	-	..	5.8	15.6	386.8	1110.0	14.6	177.1	2.1	4.8	24.1	11.6	55.1
Tripura	-	..	-	10.0	68.2	500.0	5.0	186.3	-	5.3	18.3	0.7	162.9
Uttar Pradesh	-	..	-	-	276.7	611.2	68.3	147.6	-	8.4	57.2	-	20.0
West Bengal	16.5	..	-	-	-	703.6	5.7	209.5	-	8.8	20.6	12.6	18.9
<b>Union Territories:</b>													
A. & N. Islands	-	..	-	10.0	66.2	240.0	-	-	1.9	-	29.7	3.5	-
Chandigarh	-	..	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	-	..	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	..	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	..	-	-	-	-	-	60.0	-	-	-	-	-
Lakshadweep	-	..	-	-	3.0	-	-	-	-	-	-	9.9	-
Pondicherry	-	..	-	-	340.0	645.0	-	-	10.0	-	-	11.4	-

Source: Directorate of Economics and Statistics, Ministry of Agriculture

(1) Average yield for the year 1990-91 and onwards has been calculated on total estimated bearing area.

(2) In terms of thousand nuts per hectare.

**Table 3.5- INDEX NUMBER OF AGRICULTURAL PRODUCTION**  
**(Base: Crop Years Triennium ending 1981-82=100)**

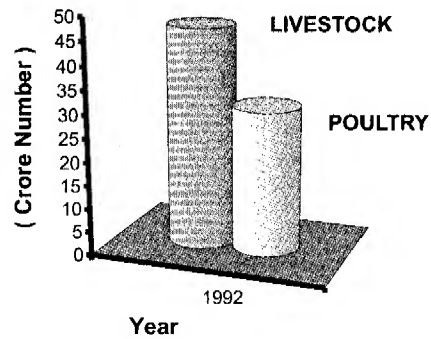
Crops/Group	Weight	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7
<b>Total-Foodgrains</b>	62.92	144.3	150.2	155.9	146.1	160.8
<b>Total-Cereals</b>	54.98	146.9	153.0	158.3	149.8	163.5
Rice	29.74	146.5	161.5	164.5	154.8	163.5
Jowar	4.43	112.5	100.3	78.8	82.0	97.4
Bajra	1.87	179.8	100.7	144.9	108.9	160.0
Maize	2.41	153.4	147.4	136.4	146.4	162.9
Ragi	0.95	93.6	96.1	86.6	92.5	91.5
Small millets	0.47	56.2	59.3	51.6	50.3	49.1
Wheat	14.45	162.5	170.0	186.8	176.4	196.8
Barley	0.66	76.7	66.6	87.6	76.6	72.8
<b>Total Pulses</b>	7.94	126.5	131.0	139.0	121.0	142.2
Gram	3.07	107.4	121.1	156.5	121.1	139.9
Tur	1.58	117.6	135.8	116.0	116.5	136.1
Other Pulses	3.29	148.7	138.0	133.7	123.0	147.2
<b>Total-Oil Seeds@</b>	12.64	193.6	203.4	208.4	212.1	235.0
Groundnut	5.60	142.8	130.5	134.4	126.4	150.4
Sesamum	0.65	164.3	122.1	127.1	115.1	145.8
Rapeseed & Mustard	2.41	235.4	261.1	282.2	294.0	340.2
Linseed	0.45	71.1	84.2	82.4	74.5	82.9
Castorseed	0.19	252.1	256.8	341.9	314.4	360.3
Coconut	1.83	199.2	212.2	235.7	229.3	220.1
<b>Total-Fibres</b>	5.89	144.8	137.0	151.2	161.8	181.4
Cotton (lint)	4.37	151.6	142.8	158.1	171.0	189.5
Jute	0.55	116.0	113.9	123.8	118.8	150.9
Mesta	0.14	64.0	62.5	63.2	66.3	72.6
<b>Total-Plantation Crops</b>	2.29	152.7	163.3	163.6	174.5	174.5
Tea	1.46	135.2	134.2	134.4	135.9	135.9
Coffee	0.44	116.2	149.7	129.6	160.5	160.5
Rubber	0.39	259.7	287.3	311.4	334.6	334.6
<b>Total-Condiments &amp; Spices</b>	2.59	160.8	167.0	169.6	172.4	186.6
Pepper (Black)	0.10	176.3	178.2	210.8	213.8	192.3
Chillies (Dry)	1.06	169.0	156.8	155.8	158.7	185.4
Ginger (Dry)	0.11	238.4	220.1	202.4	259.3	272.9
Turmeric	0.18	190.0	329.7	289.9	215.7	256.8
<b>Total-Fruits &amp; Vegetables</b>	4.98	154.4	174.4	176.3	186.4	213.0
Potato	2.09	163.6	186.8	186.9	202.4	269.2
Banana	0.97	194.9	227.4	244.4	248.0	223.8
<b>Total-Non-Foodgrains</b>	31.88	164.0	169.5	180.9	185.4	201.1
Sugar cane	8.11	145.9	147.0	176.3	179.9	177.4
Tobacco	1.12	124.2	117.2	118.0	111.5	124.8
<b>All Crops</b>	<b>100.00</b>	<b>151.6</b>	<b>157.3</b>	<b>165.2</b>	<b>160.7</b>	<b>175.7</b>

Source: Directorate of Economics and Statistics, Ministry of Agriculture

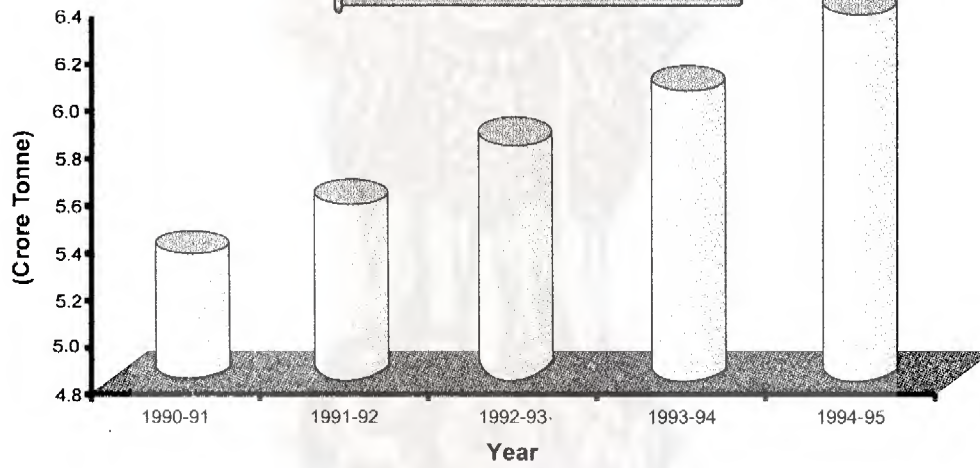
@ Includes Groundnut, Sesamum, Rapeseed & Mustard, Castorseed, Linseed, Nigerseed, Safflower, Sunflower, soyabeen, Coconut and Cotton seed.



## GROWTH OF LIVE STOCK & POULTRY



## PRODUCTION OF MILK



## FISH CATCH AND LANDINGS

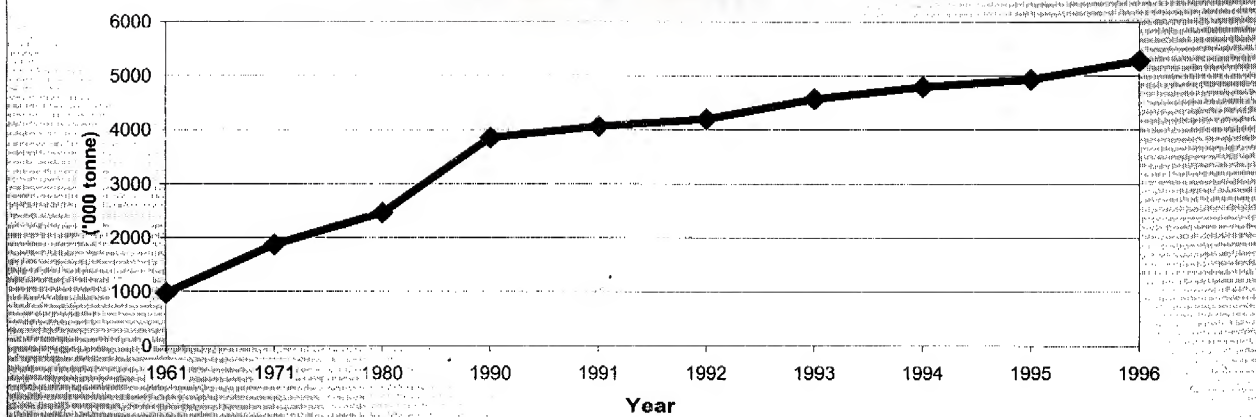


Table 3.6-AGRICULTURAL IMPLEMENTS AND MACHINERY

('00 Nos.)

Year/States Union Territories	Ploughs (Wooden & Iron)	Diesel engine pumpset	Electric pump used for irrigation	Tractor used for agriculture	Sugarcane crushers	Animal carts
1	2	3	4	5	6	7
1992	395815	45774	64035	12218	5861	133860
<b>1992</b>						
<b>States:</b>						
Andhra Pradesh	26003	1657	9340	569	105	12970
Arunachal Pradesh	283	1	-	1	1	4
Assam	17362	38	5	7	27	794
Bihar	57850	3650	3060	140	420	11520
Goa	240	4	18	-	-	3
Gujarat	12289	4192	2114	662	24	6552
Haryana	3956	1912	3125	1562	35	3974
Himachal Pradesh	5260	13	12	26	13	11
Jammu & Kashmir	7994	21	16	13	12	18
Karnataka	30420	1227	4886	397	199	10359
Kerala	1400	370	1600	20	10	60
Madhya Pradesh	56701	2107	7142	901	134	24754
Maharashtra		995	10890	463	25	11039
Manipur	440	11	3	5	8	377
Meghalaya	100	-	-	-	-	-
Mizoram	-	1	-	-	-	-
Nagaland	40	-	-	-	-	-
Orissa	34285	168	208	23	69	6001
Punjab	-	2230	4910	2130	990	2130
Rajasthan	23455	5140	3712	1458	227	9268
Sikkim	710	-	-	-	-	-
Tamil Nadu	16951	3008	9073	295	187	4588
Tripura	1424	8	-	1	3	5
Uttar Pradesh	69196	19007	3807	3466	3370	20956
West Bengal	29171	-	-	65	-	8440
<b>Union Territories:</b>						
A. & N. Islands	94	6	1	-	1	1
Chandigarh	1	-	1	2	-	2
D. & N. Haveli	158	4	1	1	-	12
Daman & Diu	-	-	-	-	-	-
Delhi	3	1	13	6	1	3
Lakshadweep	-	-	2	-	-	-
Pondicherry	29	3	96	5	-	19

Source: Directorate of Economics and Statistics, Ministry of Agriculture





# **LIVESTOCK AND FISHERIES**



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## CHAPTER 4

### Livestock and Fisheries

This section contains tables regarding livestock and fisheries. Data regarding the number of livestock and poultry, besides agricultural implements (shown separately under Agriculture) and fishing, crafts & tackles collected through a Census conducted quinquennially. In the rural areas, primary data are collected through the village revenue agencies where they exist and through other local staff, where they do not. In the urban areas, staff of the Municipality or Notified Area Committee collect the information. The data are compiled by the Department of Agriculture, Animal Husbandry or Land Revenue, as the case may be, in the different States and consolidated returns showing district wise details are furnished to the Directorate of Economics and Statistics, Ministry of Agriculture. The 15th Livestock Census was conducted in different States with 15th October, 1992 as the reference date. While some of the States carried out the Census as per schedule, others had to postpone it due to administrative and organisational difficulties. The States/Union Territories which conducted Census with different reference dates are given below:



States/Union Territories	Date of reference
Arunachal Pradesh, Gujarat, Goa, Haryana, Himachal Pradesh, Madhya Pradesh, Maharashtra, Manipur, Meghalaya, Mizoram, Nagaland, Rajasthan, Tripura, Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Lakshweep and Pondicherry	15-10-92
Andhra Pradesh	15-10-93



Uttar Pradesh	15-04-93
Jammu & Kashmir	13-04-93
Tamil Nadu	15-10-94
West Bengal, Delhi	31-12-94
Assam, Bihar, Karnataka, Kerala, Punjab, Sikkim, Daman & Diu, Orissa	Not Conducted

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#### **Tables 4.1 and 4.2**

Table 4.1 provides data regarding number of livestock by category of livestock. This also shows the number of poultry. Table 4.2 presents number of male and female cattle and buffaloes used for work only and collection of data on female cattle and buffaloes have

been discontinued by source agency after 1977 Census. Working cattle include bulls and cows and working buffaloes include male and female buffaloes over 3 year and kept for work only.

#### **Tables 4.3 and 4.4**

These tables give the production of milk and estimates of raw wool and eggs production in India.

#### **Tables 4.5 and 4.6**

Table 4.5 presents data regarding fish catch and landings by groups of species. Table 4.6 provides data regarding quantity of fish catch by disposition.



Table 4.1-LIVESTOCK AND POULTRY

('000 Nos)

Year/States/U. Ts.	Cattle	Buffaloes	Sheep	Goats and Ponies	Horses live-stock	Other live-stock	Total	Poultry
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1992	204516	84239	50781	115281	817	15190	470830	307071
<b>1992</b>								
<b>States:</b>								
Andhra Pradesh	10946	9150	7788	4328	8	691	32911	49884
Arunachal Pradesh	324	5	32	125	5	351	842	1187
Assam	10118	959	149	3454	18	1364	16062	16394
Bihar	22154	5352	1689	17459	116	1160	47930	17655
Gujarat	6804	5268	2028	4241	13	244	18598	5657
Goa	98	42	-	14	-	89	243	731
Haryana	2136	4372	1043	800	50	742	9143	8578
Himachal Pradesh	2165	701	1076	1118	13	33	5106	725
Jammu & Kashmir	3055	729	2945	1767	122	85	8703	4627
Karnataka	13173	4252	5430	6287	13	413	29568	16164
Kerala	3524	296	30	1848	-	136	5834	21907
Madhya Pradesh	28691	7969	834	8372	73	806	46745	11802
Maharashtra	17446	5448	3077	9943	41	449	36404	32188
Manipur	719	114	14	38	-	405	1290	3259
Meghalaya	635	33	22	195	2	295	1182	1824
Mizoram	59	7	-	21	2	114	203	1086
Nagaland	332	32	1	151	6	552	1074	2164
Orissa	13841	1536	1838	4943	-	584	22742	13062
Punjab	2909	6008	527	544	39	195	10222	18331
Rajasthan	11629	7742	12496	15309	24	1205	48405	3053
Sikkim	198	2	15	114	2	54	385	302
Tamil Nadu	9278	2814	5848	6343	9	715	25007	24553
Tripura	949	20	5	429	-	188	1591	2597
Uttar Pradesh	25635	20084	2403	13110	249	3318	64799	10790
West Bengal	17453	1012	1488	14170	12	955	35090	37407
<b>Union Territories:</b>								
A. & N. Islands	50	14	-	56	-	34	154	611
Chandigarh	5	23	-	-	-	3	31	180
D. & N. Haveli	49	3	-	19	-	-	71	117
Delhi	41	247	-	17	-	10	315	28
Lakshadweep	2	-	-	17	-	-	19	61
Pondicherry	90	5	3	44	-	-	149	120
Daman & Diu	8	-	-	5	-	-	12	27

Source: Directorate of Economics and Statistics, Ministry of Agriculture

Note: Totals may not tally due to rounding off of figures.

Table 4.2-CATTLE AND BUFFALOES USED FOR WORK ONLY

('000 Nos.)			
Year/States/U.Ts.	Cattle	Buffaloes	Total cattle & buffaloes used for work only
1	2	3	6
<b>All India</b>			
1992	54946	5011	59957
<b>1992</b>			
<b>States:</b>			
Andhra Pradesh	4713	552	5265
Arunachal Pradesh	95	1	96
Assam	2741	144	2885
Bihar	611	-	611
Gujarat	2802	37	2839
Goa	32	6	38
Haryana	493	160	653
Himachal Pradesh	780	2	782
Jammu & Kashmir	778	50	828
Karnataka	4426	200	4626
Kerala	139	83	222
Madhya Pradesh	9343	1054	10397
Maharashtra	6450	240	6690
Manipur	247	8	255
Meghalaya	49	10	59
Mizoram	3	1	4
Nagaland	34	7	41
Orissa	-	-	-
Punjab	606	96	702
Rajasthan	2710	55	2765
Sikkim	2	-	2
Tamil Nadu	2529	14	2543
Tripura	179	4	183
Uttar Pradesh	10315	1702	12017
West Bengal	4821	579	5400
<b>Union Territories:</b>			
A. & N. Islands	12	4	16
Chandigarh	-	-	-
D. & N. Haveli	23	1	24
Delhi	-	1	1
Lakshadweep	-	-	-
Pondicherry	11	-	11
Daman & Diu	2	-	2

Source: Directorate of Economics and Statistics, Ministry of Agriculture

- Note: 1. Totals may not tally due to rounding off of figures.  
 2. The figures are only in respect of male cattle and buffaloes as the data in respect of female cattle and buffaloes are not being collected by the source agency.

Table 4.3-PRODUCTION OF MILK

('000 tonnes)

Year/States/ Union Territories	Cow Milk	Buffalo Milk	Goat Milk	Total
1	2	3	4	5
<b>All India</b>				
1990-91	22240	28675	2381	53938 \$
1991-92	23038	29600	2348	55686 \$
1992-93	24291	30846	2515	57962 \$
1993-94	25351	32527	2663	60607 \$
1994-95	26520	34438	2742	63805 \$
<b>1994-95</b>				
<b>States:</b>				
Andhra Pradesh	1090	3131		4221
Arunachal Pradesh	22	-	-	22
Assam	591	81	26	698
Bihar	1332	1533	385	3250
Goa	17	19	-	36
Gujarat	1445	2810	204	4459
Haryana	761	3219	82	4062
Himachal Pradesh	304	331	28	663
Jammu & Kashmir	440	160	41	641
Karnataka	1631	1358	14	3003
Kerala	1897	109	112	2118
Madhya Pradesh	2090	2591	367	5048
Maharashtra	2341	2257	214	4812
Manipur	..	..	..	64
Meghalaya	51	3	-	54
Mizoram	9	..	..	9
Nagaland	43	..	..	43
Orissa	468	114	2	584
Punjab	1630	4540	45	6215
Rajasthan	1887	2675	541	5103
Sikkim	..	..	..	32
Tamil Nadu	2211	1484	-	3695
Tripura	38	-	-	38
Uttar Pradesh	3158	7496	667	11321
West Bengal	2957	283	10	3250
<b>Union Territories:</b>				
A. & N Islands	17	4	4	25
Chandigarh	14	25	-	39
D. & N. Haveli	..	..	..	8
Daman & Diu	..	..	..	1
Delhi	45	212	..	257
Lakshadweep	1	-	-	1
Pondicherry	30	3	-	33

Source: Department of Animal Husbandary and Dairing, Ministry of Agriculture

\$ : Total includes data for the States for which detailed breakup is not available.



Table 4.4-PRODUCTION OF RAW WOOL AND EGGS

Year/States/ Union Territories	Eggs Production (crore Nos.)	Raw Wool Total Production (thousand tonnes)
1	2	3
<b>All India</b>		
1990-91	2110.1	..
1991-92	2198.3	..
1992-93	2292.9	38.8
1993-94	2417.2	39.9
1994-95	2597.6	40.6
1995-96 (P)*	..	41.5
<b>1995-96</b>		
<b>States:</b>		
Andhra Pradesh	543.5	1.8
Arunachal Pradesh	2.3	-
Assam	46.0	-
Bihar	139.8	1.2
Goa	10.0	-
Gujarat	46.8	2.4
Haryana	63.4	1.8
Himachal Pradesh	6.7	1.5
Jammu & Kashmir	31.8	4.2
Karnataka	147.0	4.1
Kerala	191.6	-
Madhya Pradesh	114.5	1.0
Maharashtra	250.1	1.5
Manipur	6.1	-
Meghalaya	7.5	-
Mizoram	2.0	-
Nagaland	4.5	-
Orissa	57.4	-
Punjab	243.8	1.2
Rajasthan	41.7	17.4
Sikkim	1.5	-
Tamil Nadu	305.1	1.0
Tripura	4.2	-
Uttar Pradesh	62.7	2.0
West Bengal	250.0	1.0
<b>Union Territories:</b>		
A. & N. Islands	5.2	-
Chandigarh	3.3	-
D. & N. Haveli	0.7	-
Daman & Diu	0.4	-
Delhi	6.6	-
Lakshadweep	0.5	-
Pondicherry	1.0	-

Source: Department of Animal Husbandary and Dairing Ministry of Agriculture

\* : Statewise data for eggs production relate to 1994-95.

Note : Totals may not tally due to rounding off of figures.

**Table 4.5-FISH CATCH & LANDINGS-BY GROUP OF SPECIES**

('000 tonnes)

Year	Fresh Water fish (Inland fish)	Flounder Halibat, Sole etc.	Herring, Sardines, Anchovies, etc.	Tunas, Bonitos, Macherels etc.	Miscella- neous Mar- ine tele- osteans	Shark, Rays, Skates, etc.	Crusta- ceans	Total Catch & Landings
1	2	3	4	5	6	7	8	9
1991	1655.4	23.9	297.3	162.4	1674.6	56.3	174.1	4044.0
1992	1700.1	29.2	298.2	167.9	1594.4	59.7	323.6	4173.1
1993	1930.6	28.9	300.3	198.1	1707.8	64.1	315.9	4545.7
1994	2029.9	31.3	222.3	223.1	1797.6	83.7	379.8	4767.7
1995	2212.2	24.8	176.5	262.3	1812.8	77.1	340.3	4906.0
1996 (P)	2332.2	24.4	184.0	358.9	1902.1	71.2	387.6	5260.4

Source: Fisheries Division, Department of Agriculture and Cooperation, Ministry of Agriculture

Note: Totals may not tally due to rounding off of figures.

**Table 4.6-DISPOSITION OF FISH CATCH**

('000 tonnes)

Year	Marketing fresh	Freezing	Curing	Canning	Reduction	Misc. Purposes	Offal for reduction	Total
1	2	3	4	5	6	7	8	9
1991	2706.0	265.9	613.8	30.1	333.4	47.1	47.7	4044.0
1992	2798.4	284.8	590.2	25.9	355.8	47.4	70.6	4173.1
1993	3105.2	309.5	644.5	9.8	372.8	87.6	16.3	4545.7
1994	3247.6	310.5	627.7	9.2	391.2	104.3	77.3	4767.8
1995	3427.0	320.6	632.5	13.2	358.7	115.3	38.7	4906.0
1996 (P)	3727.2	397.9	658.4	11.0	314.0	114.5	37.4	5260.4

Source: Fisheries Division, Department of Agriculture and Cooperation, Ministry of Agriculture

Note: Totals may not tally due to rounding off of figures.

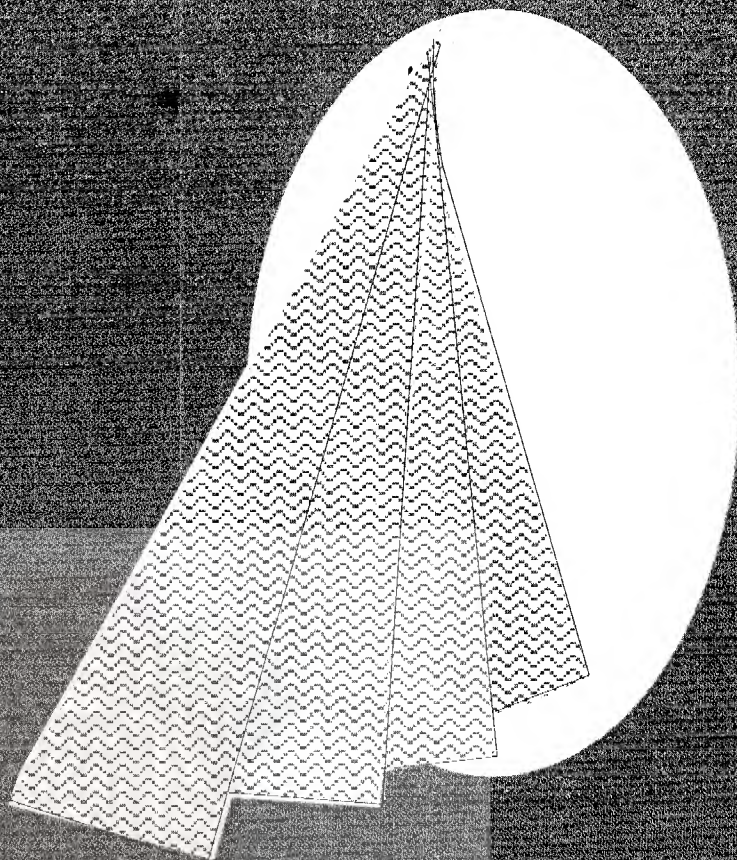






**FOREST**





**SERICULTURE**



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## CHAPTER 5

# Forest

**T**his section contains tables on area under forest by type, forest produce and revenue and expenditure including progress of afforestation. The Present tables have been extracted from "Forestry Statistics India, 1988-94" published by Directorate of Statistics, Indian Council of Forestry Research and Statistics (ICFRS) and State of Forest Report 1997 published by Forest Survey of India contains data mostly for the latest year -statewise only.



**Table 5.1**

This table presents data on Forest Cover estimates (First to Fifth cycle).

**Table 5.2**

This table presents data on Area under forest by type of forest with respect to total geographical area, it has also data on actual forest cover by density classes search as dense forest, open forest, mangrove, scrub, Non-forest and per capita.

**Table 5.3**

This table presents data on recorded forest area and legal status. The legal status has been categorised as "reserved", "protected" and "un-classed". Reserved forest is one which is permanently dedicated either to the production of timber or other forest produce and in which right of grazing and cultivation is seldom allowed. In protected forests these rights are allowed subject to a few mild restrictions. Unclassed forests occur

mostly in Madhya Pradesh, Assam, Bihar and Maharashtra and consists largely of inaccessible forest or unoccupied waste.

**Table 5.4**

This table presents data on Estimates of Wastelands in India, comprising Non-forest Degraded Area and Forest Degraded Area. It also includes Estimates of Non-Forests Wastelands in India comprising saline and Alkaline Lands, Wind Eroded Area and Water Eroded Area.

**Table 5.5**

Population of Tigers in Tiger Reserves has been presented in this table.

**Table 5.6**

In this table, data on forest products such as Tiber,

Poles, Fuelwood, Bamboo, Resins, Gums, Canes etc. has been presented for the year 1993-94.

**Table 5.7**

This table provides data on revenue from and expenditure on Forests.

**Table 5.8**

This table gives statewise data on protected areas viz., number of protected areas, total area of protected areas and forest area component of the protected areas.

**Table 5.9**

This table shows the figures relating to physical and financial progress of afforestation in Seventh Plan 1985-90. Data on forest land diverted to non-forest use have also been presented here.



Table 5.1 - FOREST COVER ESTIMATES

(Sq. Kms.)

Cycle	Year	Satellite and Sensor	Data Period	Forest Cover
1	2	3	4	5
First	1987	Landsat-Mss	1981-83	640819
Second	1989	Landsat-TM	1985-87	638804
Third	1991	Landsat-TM	1987-89	639364
Fourth	1993	Landsat-TM	1989-91	639386
Fifth	1995	IRS-1B LISSII	1991-93	638879
Sixth	1997	IRS-1B LISSII	1993-95	633397

Source : State of Forest Report 1997.



Table 5.2 - STATEWISE AREA UNDER FOREST BY TYPE OF FORESTS

Year/States/ Union Territories	Geographical Area	Total Forest	Dense Forest	Open Forest	Mangrove	Scrub	(Sq.Kms.)	
							Non- Forest forest (ha)	Per Capita
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1995	3287263	638879	385037	249309	4533	60528	2587856	..
1997	3287263	633397	367260	261310	4827	57211	2596655	0.07
<b>1997</b>								
<b>States:</b>								
Andhra Pradesh	275068	43290	23048	19859	383	11191	220587	0.07
Arunachal Pradesh	83743	68602	54155	14447	-	415	14726	7.93
Assam	78438	23824	15548	8276	-	635	53979	0.11
Bihar	173877	26524	13300	13224	-	1916	145437	0.03
Goa	3702	1255	995	255	5	16	2543	0.11
Gujarat	196024	12578	6337	5250	991	2780	180666	0.03
Haryana	44212	604	370	234	-	157	43451	-
Himachal Pradesh	55673	12521	9560	2961	-	1825	41327	0.24
Jammu & Kashmir	222235	20440	11020	9420	-	3088	198707	0.26
Karnataka	191791	32403	24854	7546	3	4566	154822	0.07
Kerala	38863	10334	8454	1880	-	83	28446	0.04
Madhya Pradesh	443446	131195	82745	48450	-	3320	308931	0.20
Maharashtra	307690	46143	23622	22397	124	7380	254167	0.06
Manipur	22327	17418	4937	12481	-	911	3998	0.95
Meghalaya	22429	15657	4044	11613	-	849	5923	0.88
Mizoram	21081	18775	4348	14427	-	937	1369	.72
Nagaland	16579	14221	3487	10734	-	70	2288	1.18
Orissa	155707	46941	26101	20629	211	5461	103305	0.15
Punjab	50362	1387	511	876	-	116	48859	0.01
Rajasthan	342239	13353	3690	9663	-	6781	322105	0.03
Sikkim	7096	3129	2423	706	-	439	3528	0.77
Tamil Nadu	130058	17064	8676	8367	21	2832	110162	0.03
Tripura	10486	5546	1819	3727	-	150	4790	0.20
Uttar Pradesh	294411	33994	22958	11036	-	1170	259247	0.02
West Bengal	88752	8349	3557	2669	2123	109	80294	0.01
<b>Union Territories:</b>								
A. & N. Islands	8249	7613	6520	127	966	-	636	2.71
Chandigarh	114	7	6	1	-	-	107	-
D. & N. Haveli	491	204	159	45	-	-	275	0.15
Daman & Diu	112	-	-	-	-	12	-	-
Delhi	1483	26	16	10	-	2	1455	-
Lakshadweep	32	-	-	-	-	-	32	-
Pondicherry	493	-	-	-	-	-	493	-

Source: State of Forest Report 1997

Table 5.3 - STATEWISE ACTUAL FOREST COVER AND RECORDED FOREST AREA

(Sq.Kms.)						
Year/States/ Union Territories	Data Period	Actual Forest Cover	Forest Area	Reserved Area	Protected Area	Unclassified Area
1	2	3	4	5	6	7
<b>All India</b>						
1995	1991-93	638879	-	..	..	..
1997	1993-95	633397	765210	416516	223309	125385
<b>1997</b>						
<b>States:</b>						
Andhra Pradesh	Oct.93	43290	63814	50479	12365	970
Arunachal Pradesh	Nov.94-Nov.95	68602	51540	15321	8	36211
Assam	Dec93-Apr-Nov94	23824	30708	18242	3934	8532
Bihar	Nov.-Dec.94	26524	29226	5051	24168	7
Goa	Dec.93-94	1255	1424	165	-	1259
Gujarat	Oct.-Dec94	12578	19393	13819	997	4577
Haryana	Oct.-Nov.94	604	1673	247	1104	322
Himachal Pradesh	Nov.94-Nov.95	12521	35407	1896	31473	2038
Jammu & Kashmir	Nov.94-95	20440	20182	20182	-	-
Karnataka	Dec.93,Jan.94	32403	38724	28611	3932	6181
Kerala	Dec.95	10334	11221	11038	183	-
Madhya Pradesh	Oct.-Nov.94	131195	154497	82700	66678	5119
Maharashtra	Oct.-Nov.93	46143	63842	48373	9350	6119
Manipur	Dec.93-Feb.94	17418	15154	1463	4171	9520
Meghalaya	Dec.93	15657	9496	981	12	8503
Mizoram	Dec.93-Feb.94	18775	15935	7127	3568	5240
Nagaland	Dec.93-Oct.94	14221	8629	86	507	8036
Orissa	Oct.-Nov.93	46941	57184	27087	30080	17
Punjab	Oct.94-Jan.95	1387	2901	44	1107	1750
Rajasthan	Nov.-Dec.94	13353	31700	11585	16837	3278
Sikkim	Sept.94	3129	2650	2261	285	104
Tamil Nadu	March94	17064	22628	19486	2528	614
Tripura	Dec.93	5546	6293	3588	509	2196
Uttar Pradesh	Oct.-Dec94	33994	51663	36425	1499	13739
West Bengal	Oct.-Dec93	8349	11879	7054	3772	1053
<b>Union Territories:</b>						
A & N. Islands	Dec.94	7613	7171	2929	4242	-
Chandigarh	Oct.-Nov.94	7	31	31	-	-
D.& N. Haveli	Oct.-Dec94	204	203	203	-	-
Daman & Diu	Oct.-Dec94	-	..	..	-	-
Delhi	Oct.-Nov.94	26	42	42	-	-
Lakshadweep (1)	-	-	..	..	-	-
Pondicherry (1)	-	-	..	..	-	-

Source: State of Forest Report 1997

(1) No discernible forestcover.



Table 5.4 - ESTIMATES OF WASTELANDS IN INDIA

(lakh sq.Kms.)

States/Union Territories	Non-Forest Degraded Area				Total
	Forest Degraded Area	Saline & Alkaline Lands	Wind Eroded Area	Water Eroded Area	
1	2	3	4	5	6
<b>Total</b>	3.5889	0.7165	1.2926	7.3600	9.3691
<b>States:</b>					
Andhra Pradesh	0.3734	0.0240	-	0.7442	0.7682
Arunachal Pradesh	-	-	-	-	-
Assam	0.0795	-	-	0.0935	0.0935
Bihar	0.1562	0.0004	-	0.3892	0.3896
Goa	-	-	-	-	-
Gujarat	0.0683	0.1214	0.0704	0.5235	0.7153
Haryana	0.0074	0.0526	0.1599	0.0276	0.2401
Himachal Pradesh	0.0534	-	-	0.1424	0.1424
Jammu & Kashmir	0.1034	-	-	0.0531	0.0531
Karnataka	0.2043	0.0404	-	0.6718	0.7122
Kerala	0.0226	0.0016	-	0.1037	0.1053
Madhya Pradesh	0.7195	0.0242	-	1.2705	1.2947
Maharashtra	0.2841	0.0534	-	1.1026	1.1560
Manipur	0.1424	-	-	0.0014	0.0014
Meghalaya	0.1103	-	-	0.0815	0.0815
Mizoram	-	-	-	-	-
Nagaland	0.0878	-	-	0.0508	0.0508
Orissa	0.3227	0.0404	-	0.2753	0.3157
Punjab	0.0079	0.0688	-	0.0463	0.1151
Rajasthan	0.1933	0.0728	1.0623	0.6659	1.8010
Sikkim	0.0150	-	-	0.0131	0.0131
Tamil Nadu	0.1009	0.0004	-	0.3388	0.3392
Tripura	0.0865	-	-	0.0108	0.0108
Uttar Pradesh	0.1426	0.1295	-	0.5340	0.6635
West Bengal	0.0359	0.0850	-	0.1327	0.2177
<b>Union Territories:</b>	0.2715	0.0016	-	0.0873	0.0889

Source: Forestry Statistics India 1995

Table 5.5 - POPULATION OF TIGER IN TIGERS RESERVES

Name of Tiger Reserves	States	Population of Tigers			
		1979	1984	1989	1993
1	2	3	4	5	6
<b>Total</b>		711	983	1327	1366
Bandhavgarh	Rajasthan	..	..	..	41
Bandhipur	Karnataka	39	53	50	66
Buxa	West Bengal	..	15	33	29
Corbett	Uttar Pradesh	84	90	91	123
Dampha	Mizoram	..	..	..	7
Dudhwa	Uttar Pradesh	..	80	90	94
Indravati	Madhya Pradesh	..	38	28	18
Kalakad-Mundathurai	Tamil Nadu	..	20	22	17
Kanha	Madhya Pradesh	71	109	97	100
Manas	Assam	69	123	92	81
Melghat	Maharashtra	63	80	77	72
Nagarjunsagar	Madhya Pradesh	..	65	94	44
Namdapha	Arunachal Pradesh	..	43	47	47
Palamau	Bihar	37	62	55	44
Pench	Madhya Pradesh	..	..	..	39
Periyar	Kerala	34	44	45	30
Panna	Madhya Pradesh	..	..	..	25
Ranthambhore	Rajasthan	25	38	44	36
Sariska	Rajasthan	19	26	19	24
Similipal	Orissa	65	71	93	95
Sunderbans	West Bengal	205	26	269	251
Tadoba-Andheri	Maharashtra	..	..	..	34
Valmik	Bihar	..	..	81	49

Source : Forestry Statistics India 1995

Table 5.6 - STATEWISE PRODUCTION OF FOREST PRODUCE

States/Union Territories	Timber (Cu.metre)	Poles (Nos.)	Fuelwood (Tonne)	Bamboo (Nos.)	Resin (Tonne)	Gums (Tonne)	Canes (Tonne)	Other NTFP
1	2	3	4	5	6	7	8	9
<b>1993-94</b>								
<b>States:</b>								
Andhra Pradesh	-	..	..	..	..	..	..	..
Arunachal Pradesh	190469	2214	10738	119831	288980 d	..	5407263 e	..
Assam	68329	..	44377 a	262705	..	..	..	#
Bihar	..	..	..	..	..	..	96 f	..
Goa	322	..	7933 a	10000	..	..	45610 g	..
Gujarat	..	..	..	..	..	..	..	..
Haryana	..	..	..	..	..	..	..	..
Himachal Pradesh	430960	..	14061	..	11422	..	..	2376
Jammu & Kashmir	..	..	..	..	..	..	..	..
Karnataka	45031	20688	106705	19177 b	3	87	347166 g	378
Kerala	..	..	..	..	..	..	..	..
Madhya Pradesh	611000	..	6	229657 c	..	180	..	..
Maharashtra	100085	..	1988243	137569	..	2971	..	..
Manipur	-	-	-	-	-	-	-	-
Meghalaya	..	..	..	..	..	..	..	..
Mizoram	62170	5886	3160	1783862	..	..	2	..
Nagaland	-	-	-	-	-	-	-	-
Orissa	..	..	..	..	..	..	..	..
Punjab	76738	..	9907	194755	237	..	..	16345
Rajasthan	..	..	..	..	..	..	..	..
Sikkim	356	..	1701	..	..	..	..	..
Tamil Nadu	-	15485	..	..	..	..	..	..
Tripura	..	..	..	..	..	..	..	..
Uttar Pradesh	447585	..	315097	4831000 b	..	..	2977 h	3044 h
West Bengal	72467	4310 a	180026	..	..	..	..	74

Source: Forestry Statistics India 1995

a Figures in cu.metre.

b Figures in Tonne.

c Figures in M.tonne.

d Related with Blaze.

e Kaps-72 R.mt.

f In '00 bundles.

g Canes in nos.

h Cane in bundels.

# Thatch/Patidoi/Phulharu 11887330 Bundles, Toko leaves 7911359 Nos.

note: Data in respect of Union Territories is nil/negligible.



Table 5.7 - STATEWISE REVENUE AND EXPENDITURE FROM/ON FORESTS

States/Union Territories	Revenue	Expenditure	(Rs. lakhs)
			Net Revenue/Deficit
1	2	3	4
<b>All India</b>			
1990-91	111799.98	120583.48	-8783.5
1991-92	124680.97	132081.06	-7400.09
1992-93	123518.41	140728.33	-17209.92
1993-94	113273.86	142301.10	-29027.24
<b>1993-94</b>			
<b>States:</b>			
Andhra Pradesh	..	..	..
Arunachal Pradesh	3964.54	1877.11	2087.43
Assam	2260.05	5780.00	-3519.95
Bihar	6976.70	2092.05	4884.65
Goa	114.82	396.07	-281.25
Gujarat	-	-	-
Haryana	1274.40	4785.22	-3510.82
Himachal Pradesh	6535.61	7567.31	-1031.7
Jammu & Kashmir	789.66	..	789.66
Karnataka	7817.00	13520.00	-5703
Kerala	..	..	..
Madhya Pradesh	49252.00	32352.00	16900
Maharashtra	10252.00	19003.00	-8751
Manipur	-	-	0
Meghalaya	404.13	2210.39	-1806.26
Mizoram	113.32	17949.87	-17836.55
Nagaland	-	-	-
Orissa	9930.03	5275.30	4654.73
Punjab	553.55	2000.15	-1446.6
Rajasthan	752.84	3292.14	-2539.3
Sikkim	115.00	585.00	-470
Tamil Nadu	-	-	-
Tripura	298.17	1022.85	-724.68
Uttar Pradesh	8639.19	15014.72	-6375.53
West Bengal	3230.85	7577.92	-4347.07
<b>Union Territories:</b>			
A. & N. Islands	-	-	-
Chandigarh	-	-	-
D. & N. Haveli	-	-	-
Daman & Diu	-	-	-
Delhi	-	-	-
Lakshadweep	-	-	-
Pondicherry	-	-	-

Source: Forestry Statistics India 1995

Table 5.8 - STATEWISE BREAK-UP OF PROTECTED AREAS

States/Union Territories	Total Forest Area	No. of Protected Areas	Total Area of Protected Areas	(Area in Sq. Kms.)	
				Forest Area Component of Protected Areas	% of Forest Area Component to Forest Area
1	2	3	4	5	6
<b>States:</b>					
Andhra Pradesh	63814	20	11849.67	9956.46	15.60
Arunachal Pradesh	51540	9	4941.07	4941.07	9.59
Assam	30708	11	1993.35	1993.35	6.49
Bihar	29226	19	5068.12	5068.12	17.34
Goa	1424	5	461.78	461.78	32.43
Gujarat	19392	23	16901.39	3983.55	20.54
Haryana	1673	8	176.46	61.03	3.65
Himachal Pradesh	35327	30	4013.50	2373.55	6.72
Jammu & Kashmir	20182	19	9353.74	1503.74	7.45
Karnataka	38724	24	6644.93	6644.93	17.16
Kerala	11221	15	2599.67	2599.67	23.17
Madhya Pradesh	154497	43	21620.34	17718.34	11.47
Maharashtra	64012	29	15287.58	6791.14	10.61
Manipur	15154	3	266.10	226.10	1.49
Meghalaya	9496	5	317.21	317.21	3.34
Mizoram	14249	2	400.00	400.00	2.81
Nagaland	8625	4	222.36	222.36	2.58
Orissa	57184	18	7185.94	7185.94	12.57
Punjab	2901	5	246.50	19.00	0.65
Rajasthan	31700	27	9632.43	6190.43	19.53
Sikkim	2729	5	941.44	741.44	27.17
Tamil Nadu	22525	14	3468.12	2983.89	13.25
Tripura	6293	4	587.21	587.21	9.33
Uttar Pradesh	41084	26	12782.20	12472.20	30.36
West Bengal	11879	19	2483.63	2483.63	20.91
<b>Union Territories:</b>					
A. & N. Islands	7171	100	775.99	494.49	6.90
Chandigarh	31	1	25.42	-	-
D. & N. Haveli	202	-	-	-	-
Daman & Diu	..	1	2.18	2.18	-
Delhi	42	1	13.20	13.20	31.43
Lakshadweep	..	-	-	-	-
Pondicherry	..	-	-	-	-
All India	753009	490	140268.53	98445.01	13.07

Source: Forestry Statistics, India, 1995

**Table 5.9 - PROGRESS OF AFFORESTATION Vs DIVERSION OF FOREST LAND FOR NON FOREST USE**

Five Year Plan Period (lakh ha.)	Area Afforested In Plan Period	Commulative (lakh ha.) In Plan Period (Rs crore)	Afforestation Expenditure	Commulative (Rs.crore) ("000 ha.) (1)	Forest land diverted
1	2	3	4	5	6
Seventh Plan (1985-90)	88.86	170.92	2426.63	3593.65	138.51\$
1990-91	0.52	171.44	627.79	4221.44	0.63
1991-92	10.16	181.60	665.30	4886.74	5.69
1992-93	10.62	192.22	798.12	5684.86	11.79
1993-94	9.64	201.86	901.77*	6586.63	13.53

Source: Forestry Statistics, India, 1995

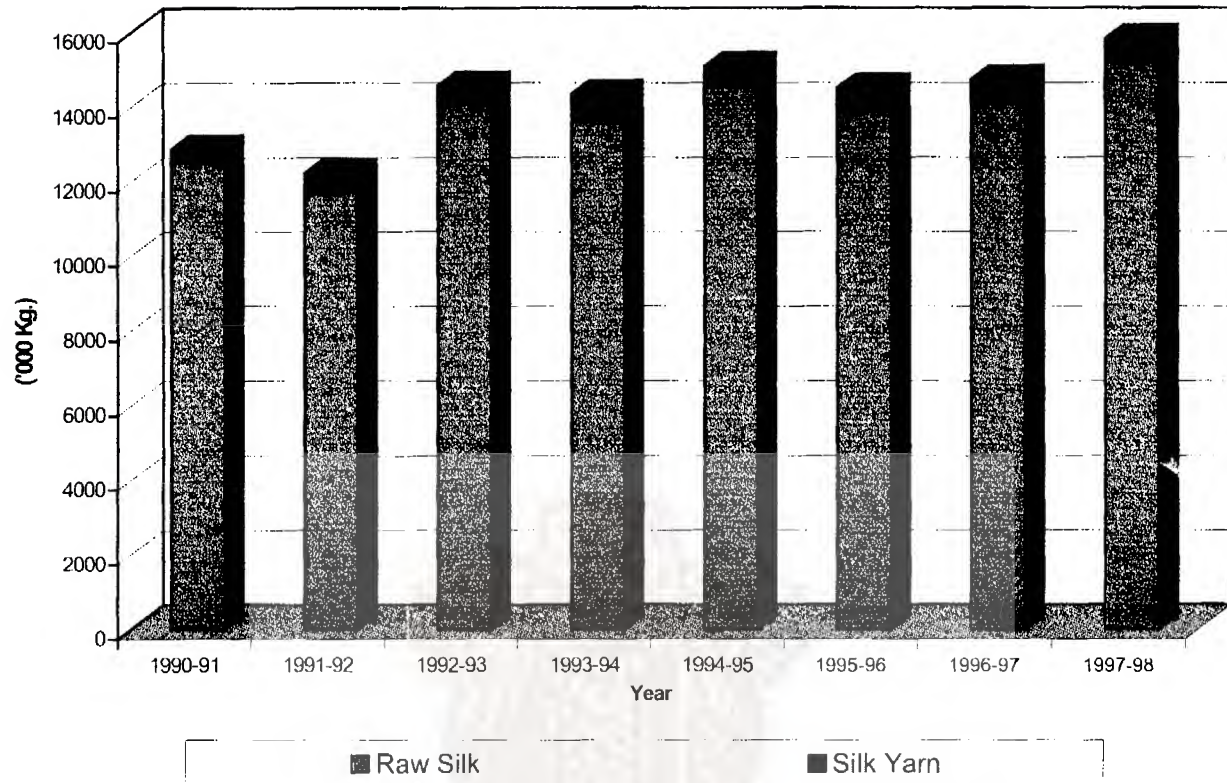
\* Allocated figures.

(1) Relates to diversion of forest land for non-forest use since the Enforcement of Forest Conservation Act, 1980. Besides data relate to terminal year for the plan periods.

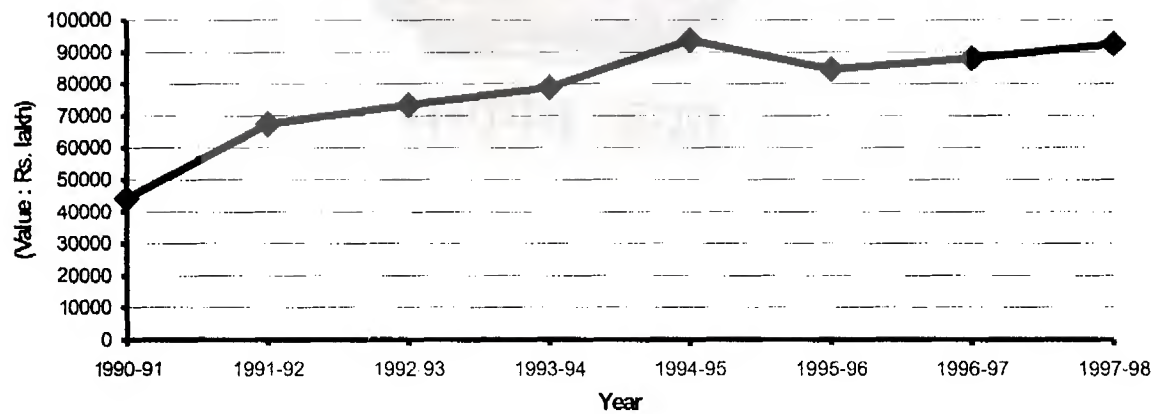
\$ Includes 103 thousand hectares for regularisation of encroachments in M.P. and 12 thousand hectares for field firing range of Indian Army in Sagar, M.P.



## PRODUCTION OF RAW SILK AND SILK YARN



## EXPORT OF SILK GOODS AND SILK WASTE











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## CHAPTER 6

### Sericulture

**D**ata in this section restricted to the production of raw silk and silk yarn are collected by the Central Silk Board, with the co-operation of Sericulture Departments in the States.

Raw silk is of two kinds, viz., mulberry and non-mulberry. The distinction arises from the rearing of silk-worms either upon mulberry leaves or on other plants. Mulberry silk is produced mainly in Karnataka, West Bengal, Jammu & Kashmir, Assam, Punjab, Tamil Nadu and Andhra Pradesh although some other States have made some progress in this direction under their development plans. Non-Mulberry silk comprising Tasar, Eri and Muga is produced in Assam, Bihar, Madhya Pradesh, Orissa, Manipur and West Bengal.

The different types of non-mulberry silk and spun silk and noil yarn are further defined as follows:

#### Tasar Silk

It is silk reeled from cocoons of silkworms belonging to saturnidae family, which are fed on leaves of oak, asan and arjan trees. Tasar silk is mainly produced in Bihar, Madhya Pradesh, West Bengal and Orissa. Efforts are being made to introduce oak tasar rearing in the State of Manipur, Jammu and Kashmir, Himachal Pradesh and Uttar Pradesh.

#### Eri Silk

It is spun from cocoons of silkworms belonging to



saturnidae family, which are fed on castor leaves. Eri yarn is produced in Assam, Bihar and West Bengal. Unlike other kinds of silk, this cannot be reeled and hence it is only spun. It has natural copperish colour.

#### **Muga Silk**

It is silk produced only in Assam from cocoons of silk worms belonging to saturnidae family, which are fed on Som and Soalu leaves. It has a rich golden colour.

#### **Spun Silk Yarn**

Yarn composed of silk filaments of lengths ranging from 1 to 8 inches produced by bleaching, dressing and spinning the silk waste which is the by-product of

the raw silk reeling industry.

#### **Noil Yarn**

It is short-staple residue obtained during dressing operations in silk spinning from silk waste. It is a by-product of spun silk industry. This can be spun into Noil Yarn of coarse counts.

#### **Tables 6.1 and 6.2**

Details of production of raw silk and silk yarn are indicated in table 6.1. Table 6.2 shows the quantity and value of exports of silk goods and silk wastes with a detailed break-up of mulberry silk items in particular.



Table 6.1 - PRODUCTION OF RAW SILK AND SILK YARN

('000 Kgs)								
Year/States	Raw silk					Silk yarn (1)		
	Mulberry silk	Non-mulberry silk			Total	Spun silk yarn	Noil yarn	Total
		Tasar	Eri	Muga				
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1990-91	11486	380	624	70	12560	185	124	309
1991-92	10658	329	704	72	11763	266	205	471
1992-93	13000	382	726	60	14168	310	249	559
1993-94	12550	299	766	76	13691	388	263	651
1994-95	13450	257	798	74	14579	295	201	496
1995-96	12884	194	745	86	13909	375	219	594
1996-97	12954	235	864	73	14126	485	120	605
1997-98(P)	14048	312	814	62	15236	333	248	581
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	2696	2	-	-	2698	-	-	-
Arunachal Pradesh	1	-	12	-	13	-	-	-
Assam	15	-	407	60	482	-	-	-
Bihar	9	144	30	-	183	-	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	14	-	-	-	14	-	-	-
Jammu & Kashmir	84	-	-	-	84	-	-	-
Karnataka	9236	-	-	-	9236	173	35	208
Kerala	3	-	-	-	3	-	-	-
Madhya Pradesh	14	97	-	-	111	124	213	337
Maharashtra	16	-	-	-	16	-	-	-
Manipur	49	2	170	-	221	-	-	-
Meghalaya	2	-	160	2	164	-	-	-
Mizoram	1	-	4	-	5	-	-	-
Nagaland	1	-	24	-	25	-	-	-
Orissa	6	47	1	-	53	-	-	-
Punjab	3	-	3	-	6	-	-	-
Rajasthan	-	-	-	-	-	-	-	-
Tamil Nadu	601	-	-	-	601	36	-	36
Tripura	2	-	-	-	2	-	-	-
Uttar Pradesh	41	2	-	-	43	-	-	-
West Bengal	1254	18	4	-	1276	-	-	-

Source : Central Silk Board, Ministry of Textiles

(1) Refers to production in public as well as private sector spun silk mills.



## IRRIGATED AREA

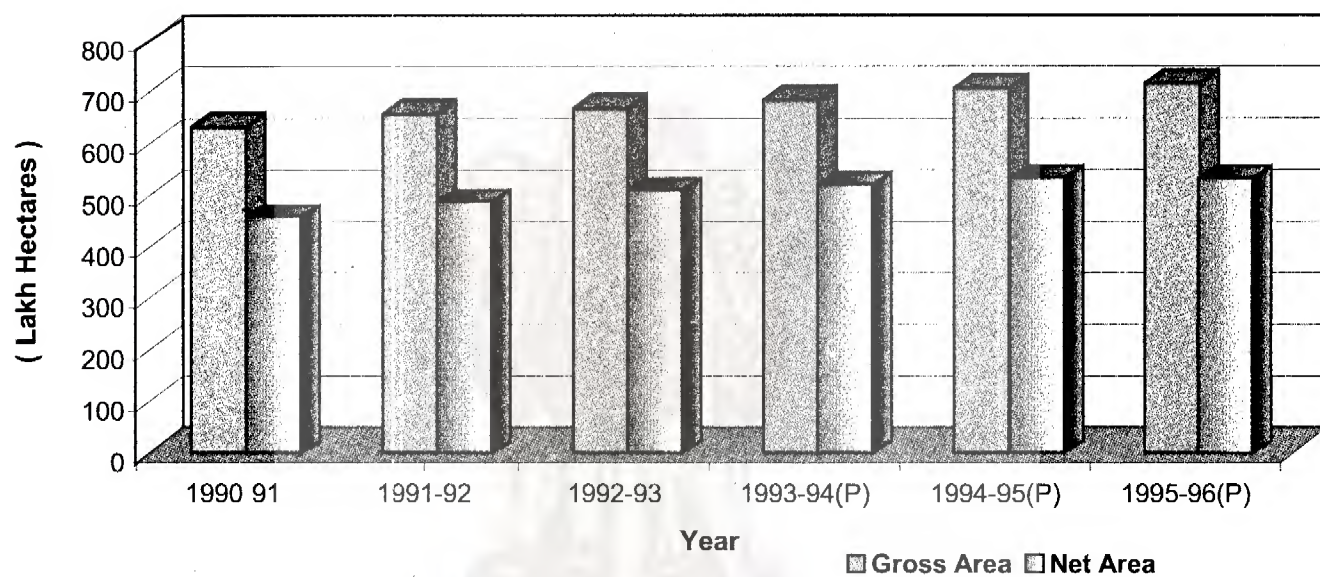


Table 6.2 - CERTIFIED EXPORT OF SILK GOODS AND SILK WASTE

(Value: Rs.lakhs)

Items	1990-91		1991-92		1993-94	
	Qty.	Value	Qty.	Value	Qty.	Value
1	2	3	4	5	6	7
I. Silk goods ('000 sq.mt.)	32454	43594	38688	67099	46632	78622
1. Mulberry silk	30367	41720	36409	64696	42619	73850
Sarees	2853	3095	4013	5044	5556	7003
Scarves/stoles	4913	2481	5182	3474	3939	3526
Dress materials	13583	16091	16740	24671	18183	24889
Readymade garments	6072	10494	7193	18917	11016	25646
Carpets	94	4988	109	6573	92	6391
Ties	2	6	2	6	-	-
Others	2850	4565	3170	6011	3833	6395
2. Tasar silk	1178	908	1193	1142	2162	2881
3. Mixed/blended silk	909	966	1086	1261	1851	1891
II Silk waste ('000 kg.)	334	459	189	458	217	288
Value (I+II)		44053		67557		78910

Items	1994-95		1995-96		1996-97		1997-98	
	Qty.	Value	Qty.	Value	Qty.	Value	Qty.	Value
1	8	9	10	11	12	13	14	15
I. Silk goods ('000 sq.mt.)	61033	92696	49256	84517	48083	87647	40223	90442
1. Mulberry silk	55886	86251	45354	79337	44790	83472	36812	85636
Sarees	5249	7375	4313	6677	3467	6620	2913	6358
Scarves/stoles	9378	6797	7674	6573	8110	7868	5964	6820
Dress materials	23068	31149	19708	30675	20626	33901	19482	36123
Readymade garments	13286	26961	10013	20578	9271	20449	5297	16883
Carpets	91	6830	116	9274	105	9362	151	12886
Ties	-	7	3	13	2	9	-	3
Others	4814	7132	3527	5547	3209	5263	3005	6563
2. Tasar silk	2958	4123	1554	2530	1047	1723	1020	1622
3. Mixed/blended silk	2189	2322	2348	2649	2246	2452	2391	3185
II. Silk waste ('000 kg.)	203	350	31	47	247	344	1038	2089
III. Silk yarn ('000 kg.)	197	708	5	44	6	53	25	97
Value (I+II+III)	-	93754	-	84608	-	88044	-	92628

Source : Central Silk Board, Ministry of Textiles

\$ Data source is Directorate General of Commercial Intelligence &amp; Statistics, Ministry of Commerce.

Note : Break-up of data for 1992-93 is not available due to temporary suspension of pre shipment inspection by Central Silk Board between 20.6.92 and 20.8.93.







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## CHAPTER 7

### Irrigation

Statistics of area irrigated from different sources and total area of crops irrigated are presented under this section.

**Table 7.1**

This table presents data regarding total area irrigated by different sources which represents net irrigated area. If two or more crops on a given piece of land are irrigated in the same year from the same source, the area is counted only once.

**Table 7.2**

This table provides data for total irrigated area under various crops which represents gross irrigated area and includes area irrigated under more than one crop during the same year. Area irrigated more than once in a harvest season is counted only once.

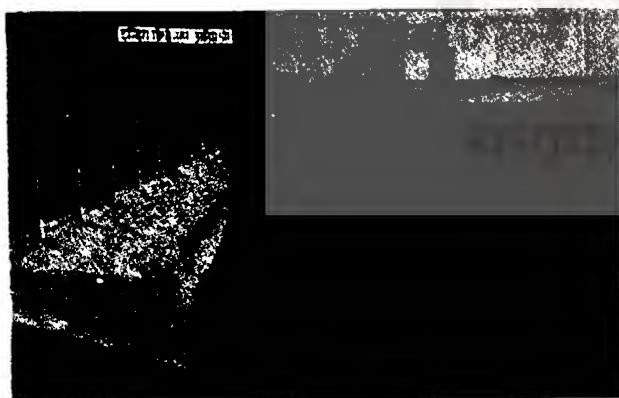


Table 7.1- NET AREA UNDER IRRIGATION BY SOURCES

('000 hectares)

Year/States/ Union Territories	Canals		Tanks	Tube Wells and other Wells	Other sources	Total
	Government	Private				
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	16646	478	2941	23881	2751	46702
1991-92	16973	480	2944	24694	2932	48023
1992-93	16503	483	3179	26920	3211	50296
1993-94 (P)	16653	485	3170	27596	3435	51339
1994-95 (P)	16799	481	3276	28912	3533	53001
1995-96 (P)	16582	560	3111	29797	3460	53510
<b>1995-96 States:</b>						
Andhra Pradesh	1539	@@	747	1656	181	4123
Arunachal Pradesh (2)	-	-	-	-	36	36
Assam (1)	71	291	-	-	210	572
Bihar	1099	-	140	1824	617	3680
Goa	7	-	-	16	-	23
Gujarat (2)	593	-	35	2366	8	3002
Haryana	1375	-	1	1353	32	2761
Himachal Pradesh (2)	4	-	1	12	84	101
Jammu & Kashmir	134	230	2	2	18	386
Karnataka	950	-	230	800	322	2302
Kerala	103	4	49	73	113	342
Madhya Pradesh	1795	1	205	3168	759	5928
Maharashtra (3) @	507	31	369	1571	89	2567
Manipur (4)	-	-	-	-	65	65
Meghalaya (5)	-	-	-	-	45	45
Mizoram	7	-	-	-	-	7
Nagaland	-	-	-	-	62	62
Orissa (10) (3)	949	-	305	836	-	2090
Punjab	1356	-	-	2357	134	3847
Rajasthan	1497	-	189	3500	46	5232
Sikkim (6)	-	-	-	-	16	16
Tamil Nadu	770	1	512	1327	15	2625
Tripura (9)	21	-	5	4	5	35
Uttar Pradesh	3075	-	58	8161	381	11675
West Bengal (7)	717	-	263	712	219	1911
<b>Union Territories:</b>						
A. & N. Islands	-	-	-	-	-	-
Chandigarh (8)	-	1	-	1	-	2
D. & N. Haveli	2	-	-	1	2	5
Daman and Diu (11)	-	-	-	1	-	1
Delhi	2	-	-	41	1	44
Lakshadweep	-	-	-	-	-	-
Pondicherry	9	-	-	14	\$	23

Source: Directorate of Economics and Statistics, Ministry of Agriculture

(1) Relates to the year 1953-54.

\$ Less than 500 hectares.

(2) Relates to the year 1994-95

(3) Relates to the year 1993-94

(4) Ad-hoc Estimates.

(5) Relates to the year 1991-92.

(6) Relates to the year 1984-85.

(7) Relates to the year 1985-86.

@ Sourcewise breakup has been worked out in proportion to that for the year 1974-75.

For other footnotes, please refer to next page.

Table 7.2- GROSS AREA UNDER IRRIGATION BY CROPS

('000 hectares)

Year/States/ Union Territories	Rice	Jowar	Bajra	Maize	Ragi	Wheat	Barley	Other Cereals and Millets
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1990-91	19469	794	548	1162	212	19511	530	32
1991-92	20178	813	666	1321	205	19562	585	35
1992-93	20100	811	629	1306	199	20760	562	25
1993-94 (P)	20748	798	641	1369	193	21363	470	31
1994-95 (P)	21391	784	568	1257	177	22035	559	33
1995-96 (P)	21457	787	596	1380	166	21705	506	58
<b>1995-96</b>								
<b>States:</b>								
Andhra Pradesh	3500	15	20	114	32	8	-	1
Arunachal Pradesh (2)	33	-	-	-	-	\$	-	-
Assam (1)	532	-	-	-	-	-	-	-
Bihar	2028	\$	-	291	1	1887	6	2
Goa	13	-	-	\$	-	-	-	-
Gujarat (2)	395	28	212	38	-	634	13	3
Haryana	825	68	103	4	-	1939	35	\$
Himachal Pradesh (2)	51	-	\$	23	\$	67	4	2
Jammu & Kashmir	249	-	\$	18	9	59	1	2
Karnataka	845	144	47	238	71	74	-	1
Kerala	235	-	-	-	-	-	-	-
Madhya Pradesh	1255	1	\$	11	-	2732	30	\$
Maharashtra (3) @	415	481	66	34	-	520	-	-
Manipur (4)	75	-	-	-	-	-	-	-
Meghalaya (5)	45	-	-	-	-	-	-	-
Mizoram	5	-	-	-	-	-	-	-
Nagaland	62	-	-	-	-	1	-	-
Orissa (10) (3)	1771	-	-	23	23	20	-	-
Punjab	2166	2	5	97	-	3127	35	40
Rajasthan	54	1	80	123	-	2078	176	1
Sikkim (6)	16	-	-	-	-	-	-	-
Tamil Nadu	1795	39	15	25	30	\$	-	\$
Tripura (9)	45	-	-	-	-	1	-	-
Uttar Pradesh	3465	4	47	341	\$	8258	206	6
West Bengal (7)	1530	-	-	\$	-	268	\$	-
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh (8)	\$	-	-	\$	-	1	-	-
D. & N. Haveli	2	-	-	-	-	\$	-	-
Daman and Diu (11)	\$	\$	1	-	-	-	-	-
Delhi	24	4	\$	\$	-	30	\$	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	26	\$	\$	-	\$	-	-	\$

(8) Relates to the year 1987-88.

(9) Relates to the year 1992-93.

(10) Relates to major, medium and minor for canals, tanks and wells. (11) Relates to the year 1989-90.

@/@/ Included under Government Canals as seprate breakup for private canals is not available.

For other footnotes, please refer to previous page.



Table 7.2- GROSS AREA UNDER IRRIGATION BY CROPS - Contd.

('000 hectare)

Year/States/ Union Territories	Total Cereals and Millets	Pulses	Total Food Grains	Sugar- cane	Condi- nents and Spices	Fruits/ Vegeta- bles incl Root crops	Other Food- Crops	Total Food- Crops
1	10	11	12	13	14	15	16	17
<b>All India</b>								
1990-91	42258	2608	44866	3398	1100	2575	195	52134
1991-92	43365	2425	45790	3612	1178	2666	186	53432
1992-93 (P)	44392	2464	46856	3469	1379	2844	198	54746
1993-94 (P)	45613	2646	48295	3323	1430	2919	204	56135
1994-95 (P)	46804	3090	49894	3641	1316	2956	228	58035
1995-96 (P)	46654	3073	49727	3872	1363	3023	247	58232
<b>1995-96</b>								
<b>States:</b>								
Andhra Pradesh	3690	20	3710	340	192	21	229	4492
Arunachal Pradesh (2)	33	-	33	-	-	3	-	36
Assam (1)	532	6	538	-	-	-	1	539
Bihar	4215	20	4235	28	6	247	\$	4516
Goa	13	8	21	1	1	5	4	32
Gujarat (2)	1323	100	1423	222	177	226	-	2048
Haryana	2974	115	3089	140	5	56	\$	3290
Himachal Pradesh (2)	147	5	152	1	2	12	-	167
Jammu & Kashmir	338	4	342	\$	1	19	\$	362
Karnataka	1420	59	1479	323	106	122	-	2030
Kerala	235	-	235	4	30	19	-	288
Madhya Pradesh	4029	1098	5127	73	188	164	\$	5552
Maharashtra (3) @	1516	239	1755	437	129	401	-	2722
Manipur (4)	75	-	75	-	-	-	-	75
Meghalaya (5)	45	-	45	-	-	-	-	45
Mizoram	5	-	5	-	-	2	-	7
Nagaland	63	-	63	-	-	3	-	66
Orissa (10) (3)	1837	127	1964	49	80	418	-	2511
Punjab	5472	79	5551	130	3	101	9	5794
Rajasthan	2513	351	2864	27	329	79	\$	3299
Sikkim (6)	16	-	16	-	-	-	-	16
Tamil Nadu	1904	38	1942	326	55	223	\$	2546
Tripura (9)	46	2	48	-	-	11	-	59
Uttar Pradesh	12327	790	13117	1759	59	716	4	15655
West Bengal (7)	1798	10	1808	8	-	170	-	1986
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh (8)	1	\$	1	\$	-	\$	-	1
D. & N. Haveli	2	1	3	1	\$	1	-	5
Daman and Diu (11)	1	-	1	\$	-	-	-	1
Delhi	58	\$	58	\$	\$	3	-	61
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	26	1	27	3	\$	1	-	31

Note: In case of Andhra Pradesh and West Bengal, the respective figures for 'fruits and vegetables etc.' includes onions and potatoes only.

For footnotes, please refer to page no.58 & 59 (Table 7.1 & 7.2)

Table 7.2- GROSS AREA UNDER IRRIGATION BY CROPS - Concl'd.

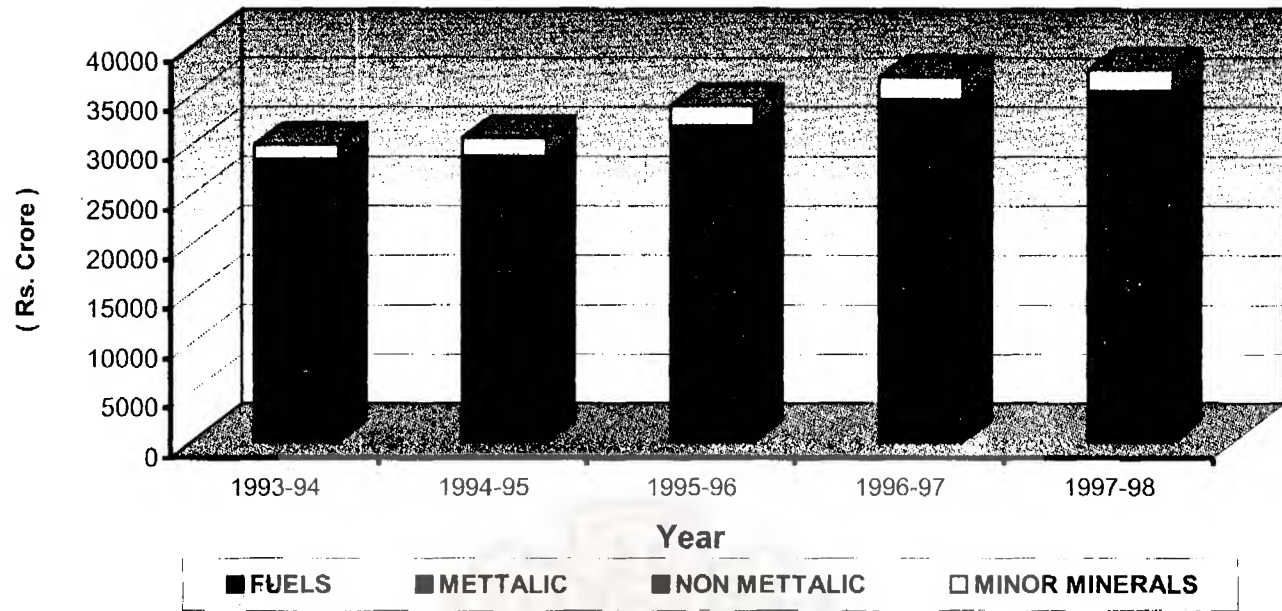
('000 hectares)

Year/States/ Union Territories	Oil Seeds	Cotton	Tobacco	Fodder Crops Food Crops	Other Non- Food Crops	Total Non- Area	Total irrigated
1	18	19	20	21	22	23	24
<b>All India</b>							
1990-91	5761	2487	190	1993	639	11070	63204
1991-92	6835	2591	186	2025	611	12248	65680
1992-93	6442	2673	182	2077	641	12015	66761
1993-94 (P)	6517	2558	186	2220	638	12119	68254
1994-95 (P)	6812	2727	185	2255	632	12611	70646
1995-96 (P)	7287	3140	190	2035	626	13278	71510
<b>1995-96</b>							
<b>States:</b>							
Andhra Pradesh	571	158	45	7	31	812	5304
Arunachal Pradesh (2)	-	-	-	-	-	-	36
Assam (1)	-	-	-	-	33	33	572
Bihar	47	-	14	\$	4	65	4581
Goa	4	-	-	-	-	4	36
Gujarat (2)	816	474	103	172	42	1607	3655
Haryana	416	649	\$	305	13	1383	4673
Himachal Pradesh (2)	5	\$	\$	5	1	11	178
Jammu & Kashmir	48	\$	\$	29	1	78	440
Karnataka	565	160	2	5	83	815	2845
Kerala	164	-	-	-	14	178	466
Madhya Pradesh	406	169	\$	33	18	626	6178
Maharashtra (3) @	291	89	1	38	8	427	3149
Manipur (4)	-	-	-	-	-	-	75
Meghalaya (5)	-	-	-	-	-	-	45
Mizoram	2	-	-	-	-	2	9
Nagaland	6	-	-	-	-	6	72
Orissa (10) (3)	107	-	2	-	9	118	2629
Punjab	183	739	-	629	32	1583	7377
Rajasthan	2187	594	1	200	80	3062	6361
Sikkim (6)	-	-	-	-	-	-	16
Tamil Nadu	477	96	9	10	45	637	3183
Tripura (9)	1	-	-	-	-	1	60
Uttar Pradesh	624	11	13	600	69	1317	16972
West Bengal (7)	363	-	-	-	142	505	2491
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh (8)	-	-	-	1	-	1	2
D. & N. Haveli	-	-	-	-	-	-	5
Daman and Diu (11)	-	-	-	-	-	\$	1
Delhi	2	\$	-	1	-	3	64
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	2	1	-	\$	1	4	35

Source: Directorate of Economics and Statistics,

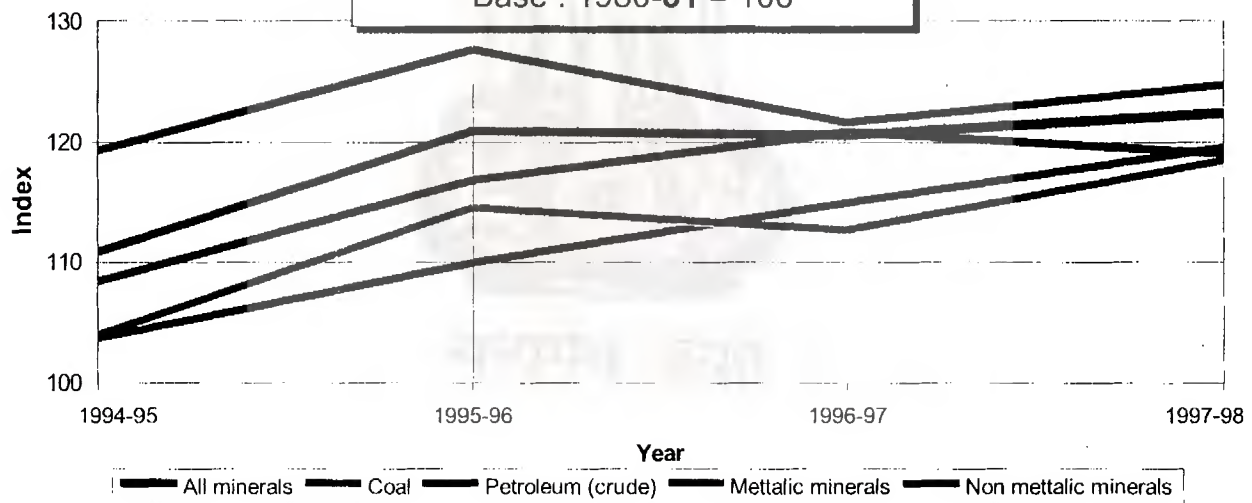
For other footnotes, please refer to page no. 58 &amp; 59 (Table 7.1 &amp; 7.2)

## VALUE OF MINERAL PRODUCTION



## INDEX OF MINERAL PRODUCTION

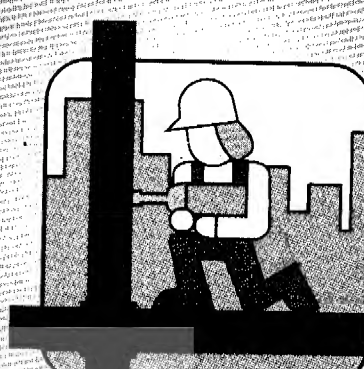
Base : 1980-81 = 100











# INDUSTRY



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## CHAPTER 8

# Mining

**T**he activity of mining and quarrying covers underground and surface mines, quarries and wells and includes extraction of minerals and also all the supplemental activities such as dressing and beneficiation of ores and other crude materials, like crushing, screening, washing, cleaning, grading, milling floatation, melting, pelletising, topping and other preparations carried out at the mine site which are needed to render the material marketable.

The section presents data on quantity, value and Index Numbers of Mineral Production in India, which covers the entire production in the mining and quarrying sector except those minerals which are declared as prescribed substances under the Atomic Energy Act, 1962 and for minor minerals which are defined under the Mines and Minerals (Regulation and Development) Act, 1957.

The primary sources of the data on production of minerals other than solid and fossil fuels, atomic minerals and minor minerals are the statutory returns submitted by mine owners to the Indian Bureau of Mines under provisions of the Mineral Conservation and Development Rules, 1958. The Bureau obtains data on coal from the Coal Controller, Calcutta in respect of all States except Jammu & Kashmir for which the source is the J & K Minerals Ltd., Jammu. Data on lignite are collected from the Gujarat Mineral Development Corporation Ltd., Ahmedabad and the Neyveli Lignite Corporation Ltd.,





Neyveli. Statistics relating to petroleum and natural gas are collected from the Ministry of Petroleum & Natural gas, New Delhi. Statistics relating to atomic minerals are collected by the Department of Atomic Energy. Statistics relating to "minor minerals" are collected from the State Governments.

Production statistics of natural gas and petroleum (crude) are shown separately for the off-shore deposits in Bombay High.

**Table 8.1**

This table contains mineral-wise data on number of mines in India by the categories such as fuels, "metallic" and "non-metallic" minerals.

**Table 8.2**

This table contains mineral-wise data regarding

quantity and value of mineral production in India, by categories such as fuels, metallic and non-metallic minerals.

**Table 8.3**

The Index of Mineral Production has been revised from the earlier series 1980-81=100 to the base 1993-94=100 covers all the minerals in the mining and quarrying sector excepting, atomic minerals. For the first time, minor mineral are also represented in the Index of mineral production. The index includes 67 items and these have been classified according to the National Industrial Classification (NIC). In preparing the weighing diagram for the index in question the gross value added has been taken into account instead of the net value added which was employed for the index released earlier.

Table 8.1 - NUMBER OF MINES IN INDIA

Year/States/ Union Territories	All Minerals	Fuels			Metallic Minerals						
	Total	Total	Coal	Lignite	Total	Bauxite	Chro- mite	Copper Ore	Gold	Iron Ore	Lead & Zinc
1	2	3	4	5	6	7	8	9	10	11	12
<b>All India</b>											
1993-94	3837	562	558	4	694	198	21	15	8	260	8
1994-95	3746	563	559	4	690	189	22	13	8	276	8
1995-96	3635	565	561	4	696	197	23	13	8	273	8
1996-97	3527	578	574	4	682	194	23	12	7	264	8
1997-98	3195	578	574	4	558	167	21	11	8	211	8
<b>1997-98</b>											
<b>States :</b>											
Andhra Pradesh	398	72	72	-	35	-	-	-	4	3	1
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Assam	9	6	6	-	-	-	-	-	-	-	-
Bihar	332	178	178	-	53	28	-	5	-	18	-
Goa	66	-	-	-	66	2	-	-	-	42	-
Gujarat	449	2	-	2	82	82	-	-	-	-	-
Haryana	16	-	-	-	1	-	-	-	-	1	-
Himachal Pradesh	38	-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir	6	3	3	-	-	-	-	-	-	-	-
Karnataka	202	-	-	-	89	2	5	-	4	55	-
Kerala	53	-	-	-	-	1	-	-	-	-	-
Madhya Pradesh	483	131	131	-	68	40	-	1	-	15	-
Maharashtra	149	48	48	-	22	5	2	-	-	5	-
Manipur	1	-	-	-	1	-	1	-	-	-	-
Meghalaya	2	-	-	-	-	-	-	-	-	-	-
Orissa	229	21	21	-	121	1	13	-	-	69	1
Rajasthan	484	-	-	-	12	-	-	3	-	3	6
Sikkim	2	-	-	-	2	-	-	2	-	-	-
Tamil Nadu	105	2	-	2	6	6	-	-	-	-	-
Uttar Pradesh	44	4	4	-	-	-	-	-	-	-	-
West Bengal	127	111	111	-	-	-	-	-	-	-	-

Table 8.1 - NUMBER OF MINES IN INDIA -Contd.

Year/States/ Union Territories	Metallic Minerals-contd.			Non-Metallic Minerals							
	Mangan- ese Ore	Others	Total	Apatite	Asbes- tos	Barytes	Diamond	Dolo- mite	Felspar	Fire Clay	Gypsum
1	13	14	15	16	17	18	19	20	21	22	23
<b>All India</b>											
1993-94	180	4	2579	2	63	32	2	130	78	135	49
1994-95	171	3	2493	2	55	29	2	119	60	143	41
1995-96	171	3	2374	2	51	21	2	121	58	136	42
1996-97	171	3	2267	2	49	19	2	129	53	121	43
1997-98	132	1	2059	2	39	19	2	133	49	110	41
<b>1997-98</b>											
<b>States:</b>											
Andhra Pradesh	27	-	291	1	4	13	-	2	6	11	-
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	3	-	-	-	-	-	-	-	-
Bihar	2	-	101	-	-	-	-	1	6	11	-
Goa	22	-	-	-	-	-	-	-	-	-	-
Gujarat	-	-	365	-	-	-	-	27	-	38	4
Haryana	-	-	15	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	38	-	-	1	-	-	-	-	-
Jammu & Kashmir	-	-	3	-	-	-	-	-	-	-	1
Karnataka	23	-	113	-	-	-	-	4	2	3	-
Kerala	-	-	53	-	-	-	-	-	-	-	-
Madhya Pradesh	11	1	284	-	-	-	2	77	-	11	-
Maharashtra	10	-	79	-	-	-	-	12	1	3	-
Manipur	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	2	-	-	-	-	-	-	-	-
Orissa	37	-	87	-	-	-	-	4	-	5	-
Rajasthan	-	-	472	-	35	5	-	5	34	14	36
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	97	-	-	-	-	-	-	11	-
*Uttar Pradesh	-	-	40	-	-	-	-	-	-	-	-
West Bengal	-	-	16	1	-	-	-	1	-	3	-



Table 8.1 - NUMBER OF MINES IN INDIA-Concl'd.

Year/States/ Union Territories	Non-Metallic Minerals-Contd.											
	Kaolin	Kyanite	Lime Stone	Magne- site	Mica (Crude)	Phosp- horite	Pyrites	Salt- rock	Silli- manite	Stea- tite	Vermi- culite	Others
1	24	25	26	27	28	29	30	31	32	33	34	35
<b>All India</b>												
1993-94	182	8	671	17	112	12	2	2	4	220	8	850
1994-95	173	7	664	17	95	12	2	2	4	209	10	847
1995-96	177	7	628	17	76	12	2	1	4	202	10	805
1996-97	183	7	601	17	66	11	1	1	4	182	7	769
1997-98	147	5	544	15	54	10	1	1	4	161	8	714
<b>1997-98</b>												
<b>States :</b>												
Andhra Pradesh	10	-	79	-	22	-	-	-	-	26	5	112
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	3	-	-	-	-	-	-	-	-	-
Bihar	15	2	24	-	23	-	1	-	-	1	-	17
Goa	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	45	-	105	-	-	-	-	-	-	2	1	143
Haryana	1	-	-	-	-	-	-	-	-	-	-	14
Himachal Pradesh	-	-	36	-	-	-	-	1	-	-	-	-
Jammu & Kashmir	-	-	2	-	-	-	-	-	-	-	-	-
Karnataka	6	2	37	3	-	-	-	-	-	3	-	53
Kerala	24	-	1	-	-	-	-	-	1	-	-	27
Madhya Pradesh	11	-	112	-	-	2	-	-	-	4	1	64
Maharashtra	2	-	28	-	-	-	-	-	2	-	-	31
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	2	-	-	-	-	-	-	-	-	-
Orissa	2	-	21	-	-	-	-	-	1	2	-	52
Rajasthan	21	1	34	-	9	5	-	-	-	113	-	160
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	57	9	-	-	-	-	-	2	1	17
Uttar Pradesh	-	-	3	3	-	3	-	-	-	8	-	23
West Bengal	10	-	-	-	-	-	-	-	-	-	-	1

Source : Indian Bureau of Mines, Ministry of Mines

## Notes:

1. "All minerals" excludes data for atomic and minor minerals, natural gas and petroleum (crude).
2. Data in respect of Union Territories is nil/negligible.

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS

(Value: Rs. '000)

Year/States/ Union Territories	All minerals		Fuels					
	Value	Total value	Coal		Lignite		Natural gas	
			Quantity (th.tonne)	Value	Quantity (th.tonne)	Value	Quantity (1)	Value
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1993-94	270401351	225021855	248689	104462772	18008	6061720	16340	28848800
1994-95	307363198	255258079	257770	113521920	19256	7384968	17339	32185800
1995-96	340018650	280628040	273415	122006268	22144	8881399	20916	40356000
1996-97	368550518	305371445	286080	151296040	22540	8958105	21262	40857200
1997-98	376518922	311389395	297699	156771458	23047	9487169	19703	38107300
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	21570089	18059947	29132	18059947	-	-	-	-
Arunachal Pradesh	125114	123591	-	-	-	-	-	-
Assam	18132581	18085715	662	490542	-	-	1254	1379400
Bihar	50514791	44597947	79688	44597947	-	-	-	-
Goa	2263268	-	-	-	-	-	-	-
Gujarat	28085476	26322893	-	-	4941	2351963	2526	5052000
Haryana	397528	-	-	-	-	-	-	-
Himachal Pradesh	606125	-	-	-	-	-	-	-
Jammu & Kashmir	312606	13110	10	13110	-	-	-	-
Karnataka	7757727	-	-	-	-	-	-	-
Kerala	649995	-	-	-	-	-	-	-
Madhya Pradesh	51136939	41563032	85647	41563032	-	-	-	-
Maharashtra	21719739	19291460	26508	19291460	-	-	-	-
Manipur	1535	-	-	-	-	-	-	-
Meghalaya	33698	-	-	-	-	-	-	-
Mizoram	1507	-	-	-	-	-	-	-
Nagaland	6567	-	-	-	-	-	-	-
Orissa	19891056	12296602	42158	12296602	-	-	-	-
Punjab	217241	-	-	-	-	-	-	-
Rajasthan	14447749	272000	-	-	-	-	136	272000
Sikkim	11881	-	-	-	-	-	-	-
Tamil Nadu	12078545	10463426	-	-	18106	7135206	1062	2124000
Tripura	208362	207900	-	-	-	-	189	207900
Uttar Pradesh	13450775	7320118	15960	7320118	-	-	-	-
West Bengal	13218964	13138700	17934	13138700	-	-	-	-
<b>Union Territories:</b>								
A. & N. Islands	42670	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
Daman and Diu	37	-	-	-	-	-	-	-
Delhi	3241	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	162	-	-	-	-	-	-	-
Bombay High	99632954	99632954	-	-	-	-	14536	29072000

(1) In million cubic metres (Gas utilised).

Minerals" excludes the value output of 'atomic minerals'.

For notes, please refer to next page.

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States/ Union Territories	Fuels-Contd.		Metallic minerals				
	Petroleum (crude)		Total value	Bauxite		Chromite	
	Quantity (th. tonne)	Value		Quantity (th. tonne)	Value	Quantity (tonne)	Value
1	10	11	12	13	14	15	16
<b>All India</b>							
1993-94	27027	85648563	20558834	5535	810410	1064684	2283139
1994-95	32239	102165391	22113677	4913	894787	1132398	2522328
1995-96	34517	109384373	25882601	3902	976803	1699534	3568071
1996-97	32900	104260100	27109549	6036	1140881	1455849	2906101
1997-98	33772	107023468	28970925	5984	1047890	1563609	3086695
<b>1997-98</b>							
<b>States:</b>							
Andhra Pradesh	-	-	390245	-	-	-	-
Arunachal Pradesh	39	123591	-	-	-	-	-
Assam	5117	16215773	-	-	-	-	-
Bihar	-	-	3890564	1094	205631	-	-
Goa	-	-	2248145	31	2864	-	-
Gujarat	5970	18918930	77555	481	77555	-	-
Haryana	-	-	30	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-
Karnataka	-	-	6400147	8	956	36388	69360
Kerala	-	-	512	5	512	-	-
Madhya Pradesh	-	-	5378061	644	235188	-	-
Maharashtra	-	-	527918	823	136395	2523	3402
Manipur	-	-	46	-	-	68	46
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	-	-	6618904	2662	363478	1524630	3013887
Punjab	-	-	-	-	-	-	-
Rajasthan	-	-	3401606	-	-	-	-
Sikkim	-	-	11881	-	-	-	-
Tamil Nadu	380	1204220	25311	236	25311	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay High	22266	70560954	-	-	-	-	-

Note: "All Minerals" excludes the value output of atomic minerals.



Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States/ Union Territories	Metallic minerals-Contd.							
	Copper ore		Gold		Iron ore		Lead concentrate	
	Quantity (th.tonne)	Value	Quantity (Kilogram)	Value	Quantity (th.tonne)	Value	Quantity (tonne)	Value
1	17	18	19	20	21	22	23	24
<b>All India</b>								
1993-94	5009	2149841	2075	1091955	59645	1039394	53850	468543
1994-95	4767	2089190	2373	1140752	64507	11862407	52724	454657
1995-96	4737	2401230	2036	1205080	67418	13553031	61583	596470
1996-97	3896	2415870	2710	1547256	68159	14795799	60271	574044
1997-98	4499	2583334	2636	1313563	73445	16428361	60972	592757
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	-	-	193	214198	191	9017	5142	68065
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	945	1026619	684	254627	12517	2290842	-	-
Goa	-	-	-	-	15586	2232613	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	30	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	-	-	1759	844738	15599	5238811	-	-
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	2082	636490	-	-	18106	3926670	-	-
Maharashtra	-	-	-	-	50	3516	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	11390	2726402	6920	110166
Punjab	-	-	-	-	-	-	-	-
Rajasthan	1471	909471	-	-	6	460	48820	414438
Sikkim	1	10754	-	-	-	-	90	88
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondichery	-	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-	-

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States/ Union Territories	Metallic minerals-Contd.				Non-Metallic Minerals		
	Manganese ore		Zinc concentrates		Total Value	Apatite	
	Quantity (th. tonne)	Value	Quantity (Tonne)	Value		Quantity (Tonne)	Value
1	25	26	27	28	29	30	31
<b>All India</b>							
1993-94	1696	1348716	290152	1654418	9996954	12342	10601
1994-95	1681	1450570	268813	1396568	11436406	11066	10396
1995-96	1837	1598804	289072	1729112	13457620	10777	11446
1996-97	1871	1760729	276992	1684678	13932902	9147	10940
1997-98	1606	1650888	292498	1882540	14021980	7152	7185
<b>1997-98</b>							
<b>States:</b>							
Andhra Pradesh	93	24253	-	-	1736872	3150	3187
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	-	-	-	-	44990	-	-
Bihar	8	2457	-	-	513471	-	-
Goa	17	12668	-	-	-	-	-
Gujarat	-	-	-	-	905293	-	-
Haryana	-	-	-	-	44987	-	-
Himachal Pradesh	-	-	-	-	504962	-	-
Jammu & Kashmir	-	-	-	-	28186	-	-
Karnataka	313	245032	-	-	794437	-	-
Kerala	-	-	-	-	516400	-	-
Madhya Pradesh	384	576902	-	-	3144310	-	-
Maharashtra	297	384605	-	-	509527	-	-
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	26396	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	494	404971	-	-	671229	-	-
Punjab	-	-	-	-	13829	-	-
Rajasthan	-	-	292233	1881501	3116019	-	-
Sikkim	-	-	265	1039	-	-	-
Tamil Nadu	-	-	-	-	1217003	-	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	199251	-	-
West Bengal	-	-	-	-	34818	4002	3998
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-

Note: Total value for Non-Metallic minerals excludes the value of atomic minerals. It may not tally with that of the details which are for selected items only.

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States Union Territories	Non-Metallic minerals-Contd.							
	Asbestos		Barytes		Diamond		Dolomite	
	Quantity (Tonne)	Value	Quantity (Tonne)	Value	Quantity (carat)	Value	Quantity (th.tonne)	Value
1	32	33	34	35	36	37	38	39
<b>All India</b>								
1993-94	41725	22199	526346	208888	19222	107649	3443	628956
1994-95	28326	19275	530714	234911	25518	115128	3419	603205
1995-96	23844	21684	442733	249706	29931	172771	3718	707954
1996-97	27180	21281	381832	214461	31836	220329	3400	677597
1997-98	23021	17043	480610	269172	31018	171830	2801	669894
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	686	13902	476508	267366	-	-	390	113683
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	289	48473
Goa	-	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	148	11597
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	464	193	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	58	9268
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	-	-	31018	171830	910	231762
Maharashtra	-	-	-	-	-	-	41	6282
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	947	246897
Punjab	-	-	-	-	-	-	-	-
Rajasthan	22335	3141	3638	1613	-	-	3	237
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	10	1280
West Bengal	-	-	-	-	-	-	5	415
<b>Union Territories:</b>								
A & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-	-



**Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.**

(Value: Rs. '000)

Year/States/ Union Territories	Non-Metallic minerals-Contd.							
	Felspar		Fire-clay		Gypsum		Kaol in (total)	
	Quantity (Tonne)	Value	Quantity (Tonne)	Value	Quantity (th. tonne)	Value	Quantity (th. tonne)	Value
1	40	41	42	43	44	45	46	47
<b>All India</b>								
1993-94	87155	8970	427824	39349	1686	223560	645080	329289
1994-95	92219	10983	426792	39294	1646	218058	732233	471278
1995-96	106896	15007	452817	43672	2195	291177	831098	449542
1996-97	101697	14249	406695	39514	2210	296985	775283	478730
1997-98	94651	11944	376381	30569	2090	294434	603049	453681
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	29506	5450	23579	2188	-	-	74032	11567
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	5487	751	18019	2069	-	-	25630	13120
Goa	-	-	-	-	-	-	-	-
Gujarat	-	-	82459	3587	1	49	61622	13789
Haryana	-	-	-	-	-	-	1236	144
Himachal Pradesh	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	13	3551	-	-
Karnataka	3254	651	3726	606	-	-	21368	8908
Kerala	-	-	-	-	-	-	173035	361241
Madhya Pradesh	24	2	45629	3038	-	-	16566	1256
Maharashtra	1528	267	6622	465	-	-	1770	183
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	35086	8250	-	-	16870	2267
Punjab	-	-	-	-	-	-	-	-
Rajasthan	53308	4433	103006	6167	2076	290834	131213	14663
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	1544	390	27288	1656	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-
West Bengal	-	-	30967	2543	-	-	79707	26543
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-	-

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States/ Union Territories	Non-Metallic minerals-Contd.					
	Kyanite		Lime-stone		Magnesite	
	Quantity (tonne)	Value	Quantity (th. tonne)	Value	Quantity (tonne)	Value
1	48	49	50	51	52	53
<b>All India</b>						
1993-94	10736	4574	83159	6211638	374597	266597
1994-95	4564	2052	93207	7362124	334487	256157
1995-96	8944	5776	96832	8548428	345077	310004
1996-97	7055	3979	104029	8910678	377510	348953
1997-98	5812	4023	109568	9154690	374086	360223
<b>1997-98</b>						
<b>States:</b>						
Andhra Pradesh	-	-	17571	1209169	-	-
Arunachal Pradesh	-	-	-	-	-	-
Assam	-	-	436	44990	-	-
Bihar	4831	3836	1328	338582	-	-
Goa	-	-	-	-	-	-
Gujarat	-	-	14220	763282	-	-
Haryana	-	-	-	-	-	-
Himachal Pradesh	-	-	5521	500596	-	-
Jammu & Kashmir	-	-	99	24635	-	-
Karnataka	443	79	10316	652522	35281	20244
Kerala	-	-	397	94050	-	-
Madhya Pradesh	-	-	27452	2594744	-	-
Maharashtra	-	-	6064	427040	-	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	203	26396	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	-	-	1869	367425	-	-
Punjab	-	-	-	-	-	-
Rajasthan	538	108	15250	1234733	-	-
Sikkim	-	-	-	-	-	-
Tamil Nadu	-	-	8503	850462	-	-
Tripura	-	-	-	-	-	-
Uttar Pradesh	-	-	339	26064	63107	51433
West Bengal	-	-	-	-	-	-
<b>Union Territories:</b>						
A & N. Islands	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-

Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Contd.

(Value: Rs. '000)

Year/States/ Union Territories	Non-Metallic minerals-Contd.							
	Mica (crude)		Phosphorite		Pyrites		Salt (Rock)	
	Quantity (Tonne)	Value	Quantity (Tonne)	Value	Quantity (tonne)	Value	Quantity (th. tonne)	Value
1	54	55	56	57	58	59	60	61
<b>All India</b>								
1993-94	2126	23359	1035517	1020142	115000	50025	3100	2170
1994-95	1988	25662	1096651	1098986	118000	51330	2874	2334
1995-96	1832	27000	1308551	1344995	141000	68867	1827	2028
1996-97	1954	26765	1340836	1372128	143602	70385	2700	2473
1997-98	1678	22261	1184766	1314771	119916	73764	2802	2991
<b>1997-98</b>								
<b>States:</b>								
Andhra Pradesh	781	12234	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-
Bihar	876	9567	-	-	119916	73764	-	-
Goa	-	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	-	-
Haryana	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	2802	2991
Jammu & Kashmir	-	-	-	-	-	-	-	-
Karnataka	-	-	-	-	-	-	-	-
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	157309	93596	-	-	-	-
Maharashtra	-	-	-	-	-	-	-	-
Manipur	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-
Rajasthan	21	460	906481	1134002	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-	-	-
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	120976	87173	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
D. N. Haveli	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-
Bombay High	-	-	-	-	-	-	-	-



Table 8.2 - PRODUCTION OF MINERALS AND ORES BY SELECTED ITEMS-Concl'd.

(Value: Rs. '000)

Year/States/ Union Territories	Non-Metallic minerals-Concl'd.						
	Sillimanite		Steatite		Vermiculite		Minor minerals Value
	Quantity (tonne)	Value	Quantity (tonne)	Value	Quantity (tonne)	Value	
1	62	63	64	65	66	67	68
<b>All India</b>							
1993-94	12287	24150	421257	173532	2322	1938	14823708
1994-95	9982	23574	408754	187457	1475	2024	18555036
1995-96	9086	21923	540570	309904	1798	2848	20050389
1996-97	8528	2900	512579	304949	3755	6514	22136622
1997-98	12468	43891	480567	275386	4627	4256	22136622
<b>1997-98</b>							
<b>States:</b>							
Andhra Pradesh	-	-	34051	5769	2503	544	1383025
Arunachal Pradesh	-	-	-	-	-	-	1523
Assam	-	-	-	-	-	-	1876
Bihar	-	-	1070	60	-	-	1512809
Goa	-	-	-	-	-	-	15123
Gujarat	-	-	114	8	185	60	779735
Haryana	-	-	-	-	-	-	352511
Himachal Pradesh	-	-	-	-	-	-	101163
Jammu & Kashmir	-	-	-	-	-	-	271310
Karnataka	-	-	176	33	-	-	563143
Kerala	9322	35539	-	-	-	-	133083
Madhya Pradesh	-	-	10593	1445	836	343	1051536
Maharashtra	145	171	-	-	-	-	1390834
Manipur	-	-	-	-	-	-	1489
Meghalaya	-	-	-	-	-	-	7302
Mizoram	-	-	-	-	-	-	1507
Nagaland	-	-	-	-	-	-	6567
Orissa	2952	8130	1065	174	-	-	304321
Punjab	-	-	-	-	-	-	203412
Rajasthan	49	51	411138	263556	-	-	7658124
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	-	-	216	15	1103	3309	372805
Tripura	-	-	-	-	-	-	462
Uttar Pradesh	-	-	22144	4326	-	-	5931406
West Bengal	-	-	-	-	-	-	45446
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	42670
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	37
Delhi	-	-	-	-	-	-	3241
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	162
Bombay High	-	-	-	-	-	-	-

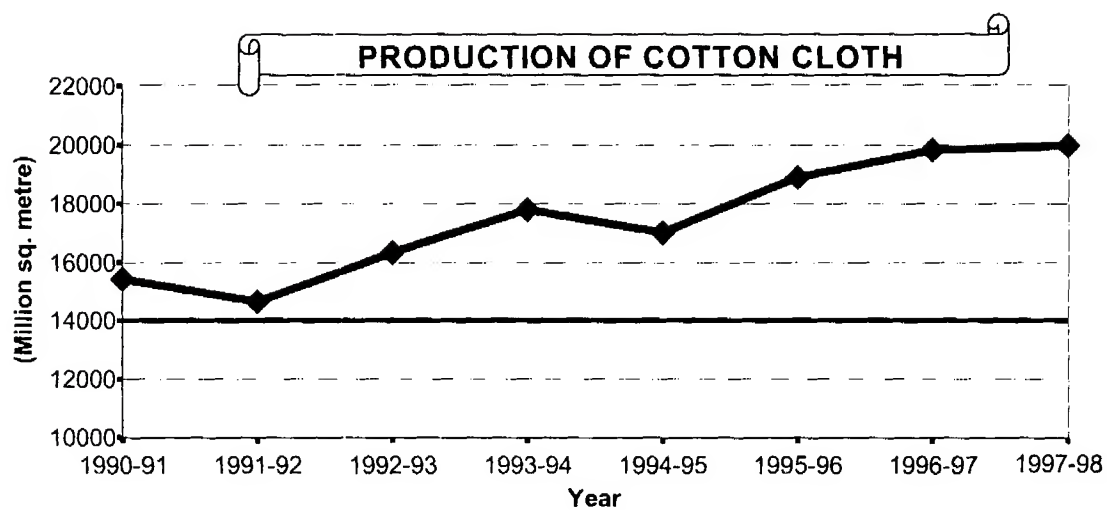
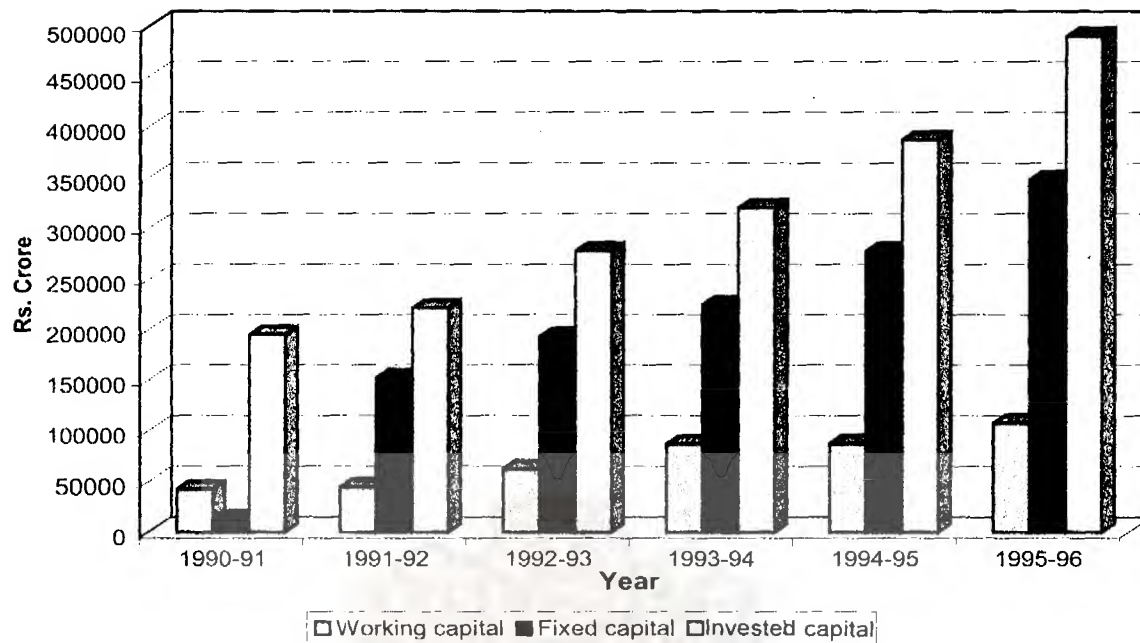
Source : Indian Bureau of Mines, Ministry of Mines

**Table 8.3 - INDEX OF MINERAL PRODUCTION (REVISED)**  
(Quantum Index)

(Base: 1993-94 = 100)

Minerals	Weight	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
<b>All minerals</b>	1000.00	110.86	120.94	120.61	122.49
Fuel	857.180	111.36	121.28	120.71	122.45
Coal mining	324.628	103.82	110.62	115.57	20.13
Coal	307.610	103.65	109.94	115.04	119.70
Lignite	17.018	106.93	122.97	125.17	127.98
Petroleum & natural gas	532.552	115.96	127.78	123.84	123.86
Natural Gas (U)	134.182	106.11	128.00	130.12	120.58
Petroleum (Crude)	398.370	119.28	127.71	121.73	124.96
MCDR'88 Minerals	123.092	105.51	115.33	115.46	118.64
Mettalic Minerals	80.765	103.98	114.53	112.62	118.41
Bauxite	3.877	88.76	100.54	109.05	108.11
Chromite	11.017	106.36	159.63	136.74	146.86
Copper Ore	8.352	95.16	94.57	77.77	89.92
Gold	5.363	114.36	98.12	130.60	127.04
Iron Ore	38.428	108.15	113.03	114.30	123.14
Lead Concentrates	1.650	97.91	114.36	111.92	113.23
Manganese Ore	6.122	99.11	108.29	110.30	94.69
Tin	0.055	46.51	43.18	24.49	27.60
Tungsten	0.004	109.03	122.95	72.92	
Zinc concentrates	5.897	92.65	99.63	95.46	100.81
<b>Non-mettalic minerals</b>	42.327	108.44	116.87	120.86	119.10
Agate	0.002	83.03	74.76	55.17	32.28
Apatite	0.053	89.66	87.32	74.11	57.95
Asbestos	0.069	67.89	57.15	65.14	55.17
Ball Clay	0.184	114.66	138.12	133.91	102.27
Barytes	1.084	100.83	84.11	72.54	91.31
Calcareous Sand	0.089	88.72	141.33	48.81	8.33
Calcite	0.080	89.37	105.53	52.62	69.33
Chalk	0.105	140.80	134.64	112.74	106.83
Clay (others)	0.006	149.30	177.55	163.81	140.68
Corundum	0.010	7.58	6.84	18.15	4.41
Corundum (Ruby)	0.002	375.86	741.38	579.31	1375.86
Diamond	0.471	132.75	155.71	165.62	161.37
Diaspore	0.059	98.30	90.89	131.42	76.10
Dolomite	3.082	99.30	107.96	98.75	81.33
Dunite	0.037	404.69	991.91	918.55	1119.10

## ANNUAL SURVEY OF INDUSTRIES





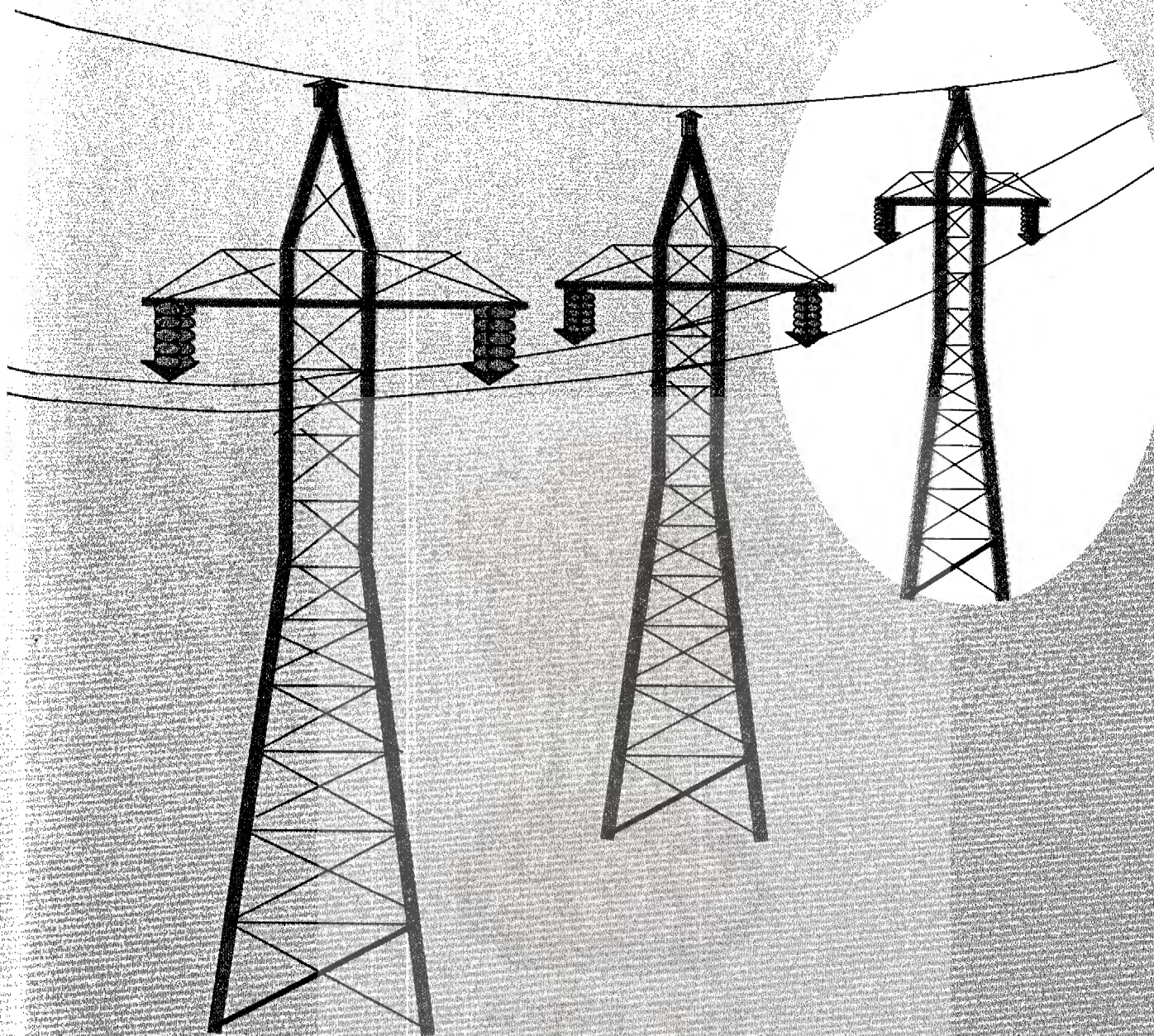
**Table 8.3 - INDEX OF MINERAL PRODUCTION (REVISED) - Concl'd.**  
(Quantum Index)

(Base: 1993-94 = 100)

Minerals	Weight	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
Felsite	0.003	105.91	122.72	125.41	149.90
Felspar	0.042	105.81	122.65	116.69	108.60
Fireclay	0.170	99.76	105.84	95.06	87.98
Fluorite (concentrates)	0.643	108.85	100.75	87.50	49.79
Fluorite (Graded)	0.056	104.13	93.12	116.65	139.71
Fusch. Quartzite	0.000	517.53	11.04	0.65	-
Garnet (Abrasive)	0.044	136.64	128.79	87.42	148.82
Garnet (Gem)	0.000	44.95	71.58	77.76	89.06
Graphite	0.113	122.75	162.30	140.27	138.51
Gypsum	1.199	97.68	130.23	131.11	123.97
Jasper	0.005	82.06	86.03	91.05	106.79
Kaolin	1.539	113.51	128.84	120.18	93.48
Kyanite	0.023	42.51	83.31	65.71	54.14
Laterite	0.102	93.69	148.89	145.52	116.26
Limekankar	0.036	208.11	249.03	267.77	310.66
Limeshell	0.083	88.26	107.23	80.96	78.73
Limestone	25.010	112.08	116.44	125.10	129.35
Magnesite	1.127	89.29	92.12	100.78	99.86
Mica (Crude)	0.078	93.51	86.17	91.91	78.93
Ochre	0.073	124.98	171.28	159.28	174.27
Perlite	0.001	107.87	177.95	122.05	31.50
Phosphorite	4.488	105.90	126.37	129.48	114.41
Pyrites	0.073	102.61	122.61	124.87	104.27
Pyrophyllite	0.063	103.78	155.94	153.35	117.45
Quartz	0.092	96.84	78.42	100.43	103.35
Quartzite	0.087	100.95	123.51	118.22	73.19
Salt (Rock)	0.009	92.71	58.94	87.10	90.39
Sand (Others)	0.192	105.47	119.29	113.71	201.54
Shale	0.021	99.92	157.42	242.80	319.14
Silica Sand	0.620	75.10	60.26	80.97	66.24
Sillimanite	0.120	81.24	73.95	69.41	101.47
Slate	0.008	61.73	96.70	78.05	101.38
Steatite	0.731	97.03	128.32	121.68	114.08
Vermiculite	0.010	63.52	77.43	161.71	199.27
Wollastonite	0.133	111.11	154.79	150.03	153.03
Minor Minerals	19.728	122.40	140.97	148.41	148.41
Granite	9.790	122.77	138.39	135.27	135.27
Marble	9.008	126.06	150.36	169.98	169.98
Slate	0.930	83.07	77.21	77.75	77.75

Source: Indian Bureau of Mines, Ministry of Mines





**POWER**



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## CHAPTER 9

# Industry

**T**his section deals with the following items:

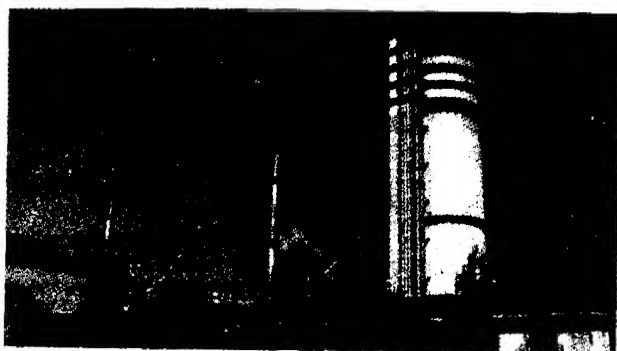
- (a) Annual Survey of industries-Factory sector,
- (b) Production of cotton yarn,
- (c) Production of cotton cloth,
- (d) Production of man-made fibre fabrics,
- (e) Production of certain selected industries and
- (f) Index numbers of industrial production.

### Table 9.1 and 9.2

These two tables present data regarding Annual Survey of Industries(ASI), the scope and coverage of which are described below:

The ASI replaced both the Census of Manufacturing Industries (CMI) and the Sample Survey of Manufacturing Industries (SSMI) with effect from the survey year,1959. The survey is conducted under the statutory provisions of "Collection of Statistics Act, 1953" and the rules framed there-under in 1959, except in Jammu and Kashmir where it is conducted under the State Collection of Statistics Act, 1961 and the Rules framed there-under in 1964. These tables give information on important characteristics of manufacturing industries from 1990-91 to 1995-96 at all-India (all Industries) and for 1995-96 Statewise and industry group-wise.

The ASI extends to the entire country except the States of Arunachal Pradesh, Mizoram, Nagaland, Sikkim and Union Territory of Lakshadweep. It covers all



factories registered under section 2 m(i) and 2 m(ii) of the Factories Act of 1948, which respectively refer to the factories employing 10 or more workers and using power and those employing 20 or more workers but not using power on any day of the preceding 12 months. The survey also covers bidi and cigar manufacturing establishments registered under Bidi and Cigar Workers (Condition of Employment) Act, 1966 and employing 10 or more workers using power and 20 or more workers not using power. All the electricity undertakings engaged in the generation, transmission and distribution of electricity registered with the Central Electricity Authority are covered under ASI irrespective of their employment size. Certain services and activities like cold storage, water supply, repair of motor vehicles and other consumer durables like watches etc., are covered under the Survey. Defence establishments, oil storage and distribution depots., restaurants, hotels, cafes and computer services and also the technical training institutes are excluded from the purview of the Survey.

Since 1966 onwards ASI relates to the accounting year of the factories on any day between 1st April to 31st March of the next year. The Annual Survey of Industries upto 1965 related to the calendar year with the exception of sugar, cotton ginning and pressing factories and electrical undertakings for which the reference periods were respectively the year ending 30th June, 31st August and 31st March respectively. Reference year is accounting year of the factory ending on 31st March.

Definitions and concepts of some of the terms used in these tables are mentioned below:

**Fixed Capital:** represents the depreciated value of fixed assets owned by the factory as on the closing date of the accounting year. Fixed assets are those which have a normal productive life of more than one year. Fixed capital covers all types of assets, new or used or own constructed, deployed for production, transportation, living or recreational facilities, hospitals, schools, etc. for factory personnel. It includes the fixed assets of the head office allocable to the factory and also

the full value of assets taken on hire-purchase basis. (whether fully paid or not) excluding interest element. It excludes intangible assets and assets solely used for post manufacturing activities such as sale, storage, distribution etc.

**Physical Working Capital:** is defined to include all physical inventories owned, held or controlled by factories as on closing date of the accounting year such as the materials, fuels & lubricants, stores etc. that enter into products manufactured by the factory itself or supplied by the factory to others for processing. Physical working capital also includes the stock of the materials, fuels and stores etc. purchased expressly for resale, semi-finished goods and work in progress on account of others and goods made by factories which are ready for sale at the end of accounting year. However, it does not include the stock of the materials, fuels, stores etc. supplied by others, to the factory for processing, finished goods, goods processed by others from raw materials supplied by the factory and held by them or included and finished goods processed by the factory from raw material supplied by others are excluded.

**Working Capital:** is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank and the net balance of amounts receivable over amounts payable at the end of the accounting year. Working capital, however, excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, loans and advances by proprietors and partners irrespective of their purpose and duration, long term loans including interest thereon and investments.

**Productive Capital :** is the total of fixed capital and working capital as defined above.

**Invested Capital:** is the total of fixed capital and physical working capital as defined above.

**Depreciation:** is consumption of fixed capital due to wear and tear and obsolescences during the accounting year and is taken as provided by the factory owner or



is estimated on the basis of cost of installation and working life of the fixed assets.

**Workers :** are defined to include all persons employed directly or through any agency whether for wages or not and engaged in any manufacturing process or in cleaning any part of the machinery or premise used for manufacturing process or in any other kind of work incidental to or connected with the manufacturing process or the subject of the manufacturing process. Labour engaged in the repair and maintenance or production of fixed assets for factories own use or labour employed for generating electricity or producing coal, gas are included. However, persons holding positions of supervision or management, or employed in administrative office, store keeping section and welfare section, sales department as also those engaged in the purchase of raw materials etc. and in production of the fixed assets for the factory and watch and ward staff, are excluded.

**Total Persons Engaged** relates to all persons engaged by the factory whether for wages or not, in work connected directly or indirectly with the manufacturing process and include all administrative, technical, clerical staff as also labour engaged in production of capital assets for factory's own use. This is inclusive of persons holding supervisory or managerial positions or engaged in administrative office, store keeping section and welfare section, sales department as also those engaged in the purchase of raw materials etc. and the production of fixed assets for the factory and watch and ward staff. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who worked in or for the factory in any direct and productive capacity.

The number of workers or employees is an average number, obtained by dividing mandays worked defined later by the number of days the factory had worked during the reference year. In case of factories where only repair, maintenance or construction activities are

carried, the average is calculated by deviding the mandays worked by the number of days, repair and maintenance/constructions work was carried on.

**Mandays:** represents the total number of mandays worked and not mandays paid for by the factory during the accounting year. It is obtained by summing-up the number of persons of specified categories attending in each shift over all the shifts worked on all days (working and non-working).

**Wages :** are defined to include all remunerations capable of being expressed in monetary terms and also payable more or less regularly in each pay period to workers, defined above as compensation for work done during the accounting year. It includes a) direct wages and salary (ie. basic wages/salaries, payment of overtime, dearness, compensatory, house rents and other allowances), (b) remuneration for period not worked (i.e. basic wages, salaries and allowances payable for leave period, paid holiday, lay-off payments and compensation for unemployment, if not paid from sources other than employers), (c) bonuses and ex-gratia payments paid both at regular and at less frequent intervals (ie. incentives bonuses, good attendance bonuses, productive bonuses, profit sharing bonuses, festival or year end bonuses etc.). It excludes lay-off payments which are made from trust or other social funds set up expressly for this purpose i.e. payments not made by the employer. It also excludes imputed value of the benefits in kind, employer's contribution to the old-age benefits and other social security charges, direct expenditure on maternity benefits and creches and other group benefits. Travelling and other expenditure incurred for the business purposes and re-imbursed by the employer are excluded. The wages are expressed in terms of gross value i.e. before deduction for fines, damages, taxes, provident funds, employee's state insurance contribution etc.

**Total Emoluments:** are defined in the same way as wages defined above but paid to all employees plus plus imputed value of benefits in kind i.e. the net cost to the employer on those goods and services provided to

employees free of charge or at markedly reduced cost which are clearly and primarily of benefits to the employees as consumers.

**Contribution to Provident and Other Funds:**

includes old age benefits like provident fund, pension, gratuity etc. and employer's contribution towards other social security charges such as employee's state insurance, compensation for work injuries, occupational diseases, provident fund linked insurance, retrenchment and lay-off benefits.

Workmen and staff welfare expenses include group benefits like direct expenditure on maternity, creches, canteen facilities; educational, cultural and recreational facilities and grants to trade unions, cooperative stores etc. meant for employees.

**Old Age Benefits:** relate to employer's contribution to old age benefits like provident fund, pension, gratuity etc.

**Social Security Charges:** include employer's contribution towards other social security charges such as employee's state insurance, compensation for work injuries, occupational diseases, maternity benefits, retrenchment and lay-off benefits etc.

**Other benefits:** consist of direct expenditure on maternity, creches, canteen facilities, educational, cultural and recreational facilities and grant to trade unions, co-operative stores etc., meant for employees.

**Fuels Consumed:** represent total purchase value of all items of fuels, lubricants, electricity, water etc. consumed by the factory during the accounting year including gasoline and other fuels for vehicles except those which directly enter into products as materials consumed. It excludes that part of fuels which is produced and consumed by the factory in manufacture i.e., all intermediate products and also fuels consumed by employees as part of amenities. It includes quantities acquired and consumed from allied concerns, their book value being taken as their purchase value and also the

quantities consumed in production of machinery or other capital items for factory's own use.

**Materials Consumed:** represents the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually entered into the production process of the factory during the accounting year. It also includes the cost of all materials used in the production of fixed assets including construction work for factory's own use. It, however, excludes all intermediate products consumed during the accounting year (Intermediate products in the above context mean all those products which are produced by the factory but are subject to further manufacturing process).

**Total Input:** comprises total value of fuels, materials consumed as defined above as well as expenditures such as (a) cost of contract and commission work done by others on materials supplied by the factory (b) cost of materials consumed for repair and maintenance of factory's fixed assets including cost of repairs and maintenance work done by others to the factory's fixed assets; (c) inward freight and transport charges, rates and taxes excluding income taxes; postage; telephones and telex expenses; insurance charges; banking charges; and cost of printing and stationary etc.

**Products:** are defined to include the ex-factory value (i.e. exclusive of taxes, duties etc. on sale and inclusive of subsidies etc., if any) of all products and by-products excluding intermediate products that have been completed during the accounting year for sale whether actually sold during the accounting year or not. Also include fixed assets produced by the factory for its use. It also includes the net value of change in the stock of semi-finished goods representing the excess of change in the stock of semifinished goods at the end of accounting year that at the beginning of the year.

**Semi-Finished Goods:** refer to the imputed value of all materials which have been partially processed by the factory but which are not usually sold without further processing. It includes the work in progress on account

of others, but excludes the value of semi-finished fixed assets produced for factory's own use.

**Gross Output:** is defined to include the ex-factory value of products and bi-products manufactured (as defined above) during the accounting year. It also includes the receipt for non-industrial services rendered to others, the receipt for work done for others on materials supplied by them, value of electricity sold and net balance of goods sold in the same condition as purchased. The term Gross output, value of output and total output have been used in the text interchangeably to mean the same thing.

**Net Value Added:** is the increment to the value of goods and services that is contributed by the factory and is obtained by deducting the value of total inputs and depreciations from value of output.

**Rent Paid:** represents the amount of royalty paid in the nature of rent for the use of the fixed assets in the factory.

**Interest Paid:** includes all interest paid on factory account on loans, whether short term or long term, irrespective of duration and the nature of agencies from which the loan was taken. Interest paid to partners and proprietors on capital or loan are excluded.

**Net Fixed Capital Formation:** represents the excess of net fixed capital at the end of accounting year over that at the beginning of the year.

**Gross Fixed Capital Formation:** is obtained by adding depreciation to net fixed capital formation as mentioned above.

### Table 9.3

Presents data on Mill Production of Cotton Yarn by weight by country wise.

### Table 9.4

Presents cotton cloth production data by weight and by length/area distinguishing it according to the category of

cloth namely coarse, medium, fine, etc. The data regarding total cloth produced by the decentralised sector of the cotton textile industry have also been shown in this table.

### Table 9.5

Presents data regarding man-made fibre fabrics produced by powerlooms and handlooms and the mill sector. Man-made fibre fabrics comprise art silk, synthetic fabrics and staple fibre fabrics.

### Table 9.6

This table presents data regarding production of selected industries in India. The data are based on the monthly data obtained from Department of Industrial Development except in case of following items for which data is received from different sources.

Vanaspati	Ministry of Food and Civil Supplies
Tea	Tea Board
Coffee	Coffee Board
Salt	Office of Salt Commissioner
Sugar	Directorate of Sugar, Ministry of Food and Civil Supplies
Cotton Textile/ Machinery	Office of the Textile Commissioner, Ministry of Textiles
Jute Textile/Jute Mill Machinery	Office of Jute Commissioner, Ministry of Textiles
Iron and Steel	Office of the Development Commissioner for Iron and Steel, Ministry of Steel and Mines.
Petroleum Refinery	Ministry of Petroleum and Chemicals Products
Railway Coaches	i. Integral Coach Factory, Madras ii. Bharat Earth Movers Ltd., Bangalore. iii. Southern Railway Headquarters, Madras. iv. Central Railways G.W.M's Office, Bombay. v. The Manager (MIS), Jessop & Co., Calcutta. vi. Rail Coach Factory, Kapurthala.



Railway Wagon	Railway Board, Ministry of Railways.
Railway	i. Diesel Locomotives Works, Varanasi.
Locomotives	ii. Chittaranjan Locomotives Works, Chittaranjan Avenue, Calcutta.
Electricity	Central Electricity Authority.
Mineral	Indian Bureau of Mines,
Production	Ministry of Steel and Mines.
Coal	Office of the Coal Controller, Department of Coal.

This table has been slightly modified to consider all the items compiled by Central Statistical Organisation for the years 1993-94 onwards. For data on earlier years, previous issues of Statistical Abstracts may be referred.

**Table 9.7**

This table presents the index numbers of industrial production with base 1993-94=100. The first index called the Interim Index of Industrial Production with 1946 as the base, covered 35 items. It was revised to base 1951 increasing the number of items to 88 and published in October, 1955. This was again revised and published in July 1962 after shifting the base to 1956 and covering 201 items. The index was subsequently revised to base 1960=100. The monthly index of this series was based on 312 items and the annual index was based on 436 items. These index numbers were published in July-August, 1967 (Supplement) of Monthly Statistics of Production of Selected Industries. This index has been further revised to base 1970=100. These index numbers have been published in March 1975,

issue of Monthly Statistics of Production of Selected Industries. This index has been again revised with 1980-81 base. This has been released to the public in February 1987 and published in July 1987 issue of Monthly Abstract of Statistics. Again the Index has been revised with 1993-94 base.

The index is a simple weighted arithmetic mean of production relatives, the weights being proportional to gross value of output as available from ASI-1993-94 factory sector. At the industry indicator levels, the weights were allocated in proportion to their gross value of output. The index is calculated by the formula:

$$I = \frac{\sum R_i W_i}{\sum W_i}$$

Where I is the index,  $R_i$  is the production relative for the item 'i' for the month in question and with weight allotted to it. The index has been revised from time to time to reflect adequately the industrial growth by shifting the comparison base to a recent period by covering larger number of items and industries and by improving, as far as practicable, the technique of construction.

The table has been presented to include only the items of one and two digit codes of Industries, as the indices for the detailed three and four digit items have been stopped to be compiled by Central Statistical Organisation.

Table 9.1-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES

Year/States/ U.Ts.	Number of facto- ries	Fixed capital	Working capital	Produc- tive capital	Inves- ted capital	Persons engaged		Mandays employ- ees (lakh)	Salaries & Wages (Rs. crore)	
						Total (‘000)	Workers (‘000)		Total emolu- ments	Wages to Workers
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1990-91	110179	133648	42520	176168	194913	8279	6307	25423	20586	13192
1991-92	112286	151902	44468	196371	221234	8320	6269	25574	20970	13583
1992-93	119494	192871	62490	255361	277729	8836	6649	27151	27226	16661
1993-94	121594	224413	87109	311522	320547	8838	6632	27269	28640	17597
1994-95	123010	277645	87296	364941	387535	9227	6970	28548	35342	22019
1995-96	134571	348468	107663	456131	489969	10222	7632	31964	45116	27970
<b>1995-96 States:</b>										
Andhra Pradesh	18500	24365	6746	31112	34397	1206	1012	3713	3398	2378
Assam	1631	2702	1241	3942	3805	149	123	452	326	225
Bihar	3617	16022	3877	19900	21467	339	250	1087	2157	1457
Goa	304	767	285	1053	1261	21	15	68	114	64
Gujarat	13770	56708	16578	73286	71628	967	679	2993	4150	2119
Haryana	3896	8433	3409	11842	13765	341	243	1028	1543	899
Himachal Pradesh	484	2795	780	3575	3434	68	44	234	276	132
Jammu & Kashmir	340	167	116	283	381	24	19	71	75	51
Karnataka	6701	12575	4602	17177	19717	518	371	1657	2472	1460
Kerala	4307	6390	1828	8218	9166	327	268	862	1153	783
Madhya Pradesh	4604	25136	7118	32254	33778	529	368	1730	2618	1476
Maharashtra	20536	58448	23749	82197	89685	1600	1071	4934	10030	5998
Manipur	78	114	-5	109	119	3	2	10	9	4
Meghalaya	39	287	-3	284	315	7	4	23	36	19
Nagaland	154	259	-43	216	289	6	4	15	13	6
Orissa	1790	14846	2318	17163	18113	198	151	671	870	570
Punjab	6913	13571	4459	18030	18779	480	355	1570	1645	1035
Rajasthan	4960	12312	4435	16747	15993	298	218	978	1321	773
Tamil Nadu	19895	30396	9566	39962	45578	1255	992	4062	4617	3016
Tripura	202	53	7	61	71	9	7	22	17	13
Uttar Pradesh	10613	32841	7886	40727	45539	806	612	2401	3430	2241
West Bengal	6482	23365	4253	27618	30875	829	651	2622	3818	2665
<b>Union Territories:</b>										
A. & N. Islands	69	99	54	153	181	9	7	27	30	21
Chandigarh	355	142	160	301	343	14	10	40	59	34
D & N Haveli	166	473	318	791	677	7	5	22	21	10
Daman & Diu	252	497	311	808	800	11	8	33	32	16
Delhi	3631	3434	3253	6687	8186	177	121	551	779	439
Pondichery	282	1270	364	1634	1629	27	21	88	105	66

Notes: 1. The totals may not tally due to rounding off of figures.

2. The Series represents average number per working day (manufacturing and non-manufacturing).

Table 9.1-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES -Contd.

(Rs. crores)

Year/States/ U. Ts.	Value of benefits			Value of fuels, electricity, lub- ricants consumed	Value of materials consumed	Value of total inputs	Depreci- ation	Value of products and by- products	Ex-factory value of output	Net value added
	Old age	Social secur- ity (1)	Others (1)							
1	12	13	14	15	16	17	18	19	20	21
<b>All India</b>										
1990-91	-	2164	1601	20900	166943	208986	10063	252757	270564	51515
1991-92	-	2364	1854	24056	185408	233028	11341	279608	299196	54827
1992-93	-	2843	2283	31073	223694	282943	14423	342250	368614	71248
1993-94	-	3378	2550	33725	254826	320855	16455	392960	425744	88434
1994-95	-	3777	3064	40391	311675	390795	18675	480418	517987	108517
1995-96		4712	5759	48509	410379	507491	23626	621129	670514	139397
<b>1995-96</b>										
<b>States:</b>										
Andhra Pradesh	-	239	238	4165	27584	34492	1980	42073	46279	9807
Assam	-	25	36	365	3452	4139	230	5224	5669	1301
Bihar	-	226	274	2304	10972	15706	1081	20170	22073	5286
Goa	-	10	13	127	1737	2023	64	2550	2600	512
Gujarat	-	454	420	5166	53367	63552	3635	78631	84808	17621
Haryana	-	142	149	1453	18702	21830	853	25285	27399	4716
Himachal Pradesh	-	13	20	207	1745	2144	110	3013	3125	871
Jammu & Kashmir	-	5	2	31	793	871	20	988	1045	154
Karnataka	-	273	235	2411	17844	23012	1083	28036	30845	6750
Kerala	-	142	94	699	10456	12109	403	14809	15549	3038
Madhya Pradesh	-	208	2018	4659	23162	30592	1728	39145	41853	9532
Maharashtra	-	1256	995	7141	92068	111274	4688	138676	148937	32975
Manipur	-	1	1	1	12	15	13	38	42	14
Meghalaya	-	1	0	10	25	42	8	103	107	56
Nagaland	-	1	1	5	70	82	4	128	135	48
Orissa	-	118	75	1636	6336	8844	689	11309	12112	2580
Punjab	-	120	85	2487	18264	22132	831	25746	26971	4008
Rajasthan	-	107	85	2284	13531	17089	864	19866	22138	4185
Tamil Nadu	-	490	476	6314	41642	54086	2082	66135	70429	14261
Tripura	-	0	0	5	103	115	6	127	138	17
Uttar Pradesh	-	295	206	3639	36465	43507	1871	52572	57063	11685
West Bengal	-	491	262	2642	18704	23922	994	28871	31409	6493
<b>Union Territories:</b>										
A & N Islands	-	1	1	10	120	144	4	144	168	20
Chandigarh	-	5	3	29	799	872	16	917	1017	130
D & N Haveli	-	1	2	42	1880	1993	36	2312	2394	365
Daman & Diu	-	1	3	25	1564	1675	39	2118	2212	497
Delhi	-	79	50	537	7788	9791	233	10517	12314	2290
Pondichery	-	10	13	114	1189	1437	59	1628	1681	185

(1) It represents break-up of value of benefits relate to contribution to provident and other funds (Col. 13) and workmen and staff welfare expenses (Col. 14).



Table 9.1-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) BY STATES -Concl'd.

(Rs.crores)

Year/States/U.Ts.	Rent paid	Interest paid	Gross fixed capital formation	Value of additions in stock of			
				Materials, fuels etc.	Semi finished goods	Finished goods	Total
1	22	23	24	25	26	27	28
<b>All India</b>							
1990-91	885	14889	24293	4006	1184	3076	8266
1991-92	1191	18812	30610	2743	1425	3666	7834
1992-93	1401	22625	36041	12105	1511	6791	20406
1993-94	1813	23455	27223	3688	702	1127	5517
1994-95	2345	26782	59520	10158	2051	5437	17647
1995-96	3875	35888	69120	9974	3410	8120	21504
<b>1995-96</b>							
<b>States:</b>							
Andhra Pradesh	288	3080	531	920	232	485	1636
Assam	6	294	619	61	11	114	186
Bihar	439	891	2604	293	113	356	762
Goa	7	68	207	38	8	35	81
Gujarat	456	4392	14811	1227	231	798	2256
Haryana	111	1151	2171	460	111	336	907
Himachal Pradesh	15	243	411	88	1	44	134
Jammu & Kashmir	2	28	39	1	3	7	12
Karnataka	251	1567	3373	755	282	236	1273
Kerala	21	886	1408	240	42	57	339
Madhya Pradesh	317	2044	4750	821	127	589	1538
Maharashtra	834	7353	13401	1433	1082	2073	4587
Manipur	0	3	12	0	0	-1	-1
Meghalaya	0	39	12	1	0	3	5
Nagaland	0	5	95	1	0	2	3
Orissa	67	1180	2252	121	44	314	480
Punjab	65	1473	3466	298	95	382	775
Rajasthan	181	1561	1425	253	90	259	602
Tamil Nadu	329	3063	6836	884	525	719	2128
Tripura	0	5	2	2	0	1	3
Uttar Pradesh	256	3747	6880	1332	229	902	2463
West Bengal	142	1901	2271	467	105	307	879
<b>Union Territories:</b>							
A & N.Islands	0	2	15	-120	0	-16	-136
Chandigarh	3	27	31	48	1	3	52
D. N. Haveli	3	63	169	30	7	26	63
Daman & Diu	7	68	132	40	33	22	95
Delhi	62	666	587	226	15	65	307
Pondichery	13	88	611	54	21	1	76

Source: Central Statistical Organisation

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96**  
(Selected characteristics by Industry)

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
	<b>All-Industries</b>	134571	45613086	10222169	67051423	13939719
20-21	Manufacture of Food Products	22878	2329099	1312071	8248446	921632
200	Slaughtering, preparation and preservation of meat	29	32360	3820	40030	10734
201	Manufacture of dairy products	630	212798	84795	975705	74248
202	Canning and preservation of Fruits & vegetables	289	52833	21172	57821	3879
203	Processing, canning and preservation of fish, crustacean and similar foods	278	76756	26762	248388	26419
204	Grain milling	10702	296410	265171	1640494	120839
205	Manufacture of bakery products	884	47435	40000	204972	33897
206	Manufacture and refining of sugar (Vacuum pan sugar factories)	417	661802	258832	1603509	267572
207	Production of indigenous sugar, boora, khandsari, gur etc., from sugar cane and palm juice etc.	868	19613	84222	88882	13682
208	Production of common salt	559	13185	39615	32550	11135
209	Manufacture of Cocoa, products and sugar confectionery (including sweet meats)	161	84529	11307	56198	10718
210	Manufacture of hydrogenated oils and vanaspati ghee etc.	146	76451	16989	396324	21942
211	Manufacture of vegetable oils and fats other than hydrogenated	3436	400493	103120	1750230	129503
212	Manufacture of animal oils and fats, manufacture of fish oil	5	155	197	5187	1545
213	Processing and blending of tea including manufacture of instant tea	1183	191309	125463	534973	97550
214	Coffee curing, roasting grinding and blending etc.	84	22212	7050	56747	8866
215	Processing of edible nuts	1213	15051	157455	122646	20685
216	Manufacture of ice	342	4783	4292	11899	2258
217	Manufacture of prepared animal and bird feed	341	36184	15833	176612	13663
218	Manufacture of starch	362	22827	12161	56815	7453
219	Manufacture of food products n.e.c.	949	61913	33815	188464	45044
22	Manufacture of Beverages, Tobacco and related products	7913	430735	543178	1032424	266810
220	Distilling, rectifying and blending of spirits; ethyl alcohol, production from fermented materials.	216	124948	27902	190653	39042

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Indu- stry code	Industries	No. of factories	Produ- ctive capital (Rs. lakh)	Total persons engaged	Gross output ex- factory value (Rs.lakh)	Net Value added by manufac- ture (Rs.lakh)
1	2	3	4	5	6	7
221	Manufacture of wine	46	13526	4214	29598	7484
222	Manufacture of malt liquors and malt	86	59782	13204	118291	28470
223	Production of country liquor (Arrack and toddy etc.)	74	15497	7035	48730	14692
224	Manufacture of soft drinks and syrups	262	104556	17424	112292	24676
225	Tobacco stemming, redrying and all other operations connected with the preparation of raw leaf tobacco	582	27806	43297	97771	14343
226	Manufacture of bidi	6258	22417	402114	186819	51200
227	Manufacture of cigars, cigarette, cheroots and cigarette tobacco	63	33451	11871	136092	67415
228	Manufacture of Chewing tobacco, zarda, snuff and other tobacco products n.e.c. (except pan masala containing tobacco)	241	14030	9690	50363	7220
229	Manufacture of pan masala, catechu (Kattha) and chewing lime	85	14722	6427	61815	12268
23	Manufacture of Cotton Textiles	8777	1445087	870579	3258933	431116
230	Cotton ginning, cleaning and baling.	3410	62657	152828	494009	40394
231	Cotton spinning other than in mills (Charkha)	49	4701	3378	12843	1351
232	Weaving and finishing of cotton khadi	54	3660	3056	4481	1498
233	Weaving and finishing of cotton textiles on handlooms	178	5828	9252	13853	3606
234	Weaving and finishing of cotton textiles on powerlooms	1391	64203	34911	105380	16707
235	Cotton spinning, weaving and processing in mills	2307	1224504	610280	2421781	342227
236	Bleaching, dyeing and printing of cotton textiles	1388	79534	56874	206586	25333
24	Manufacture of Wool, Silk and man-made fibre textiles	4411	1504942	375955	2342373	375855
240	Preparation of raw wool, silk and artificial/synthetic textile fibres for spinning	467	137480	27492	297790	29324
241	Wool spinning, weaving and finishing other than in mills	56	3521	2118	6497	1338
242	Wool spinning, weaving and processing in mills	523	165038	48439	243231	66175
243	Dyeing and bleaching of woollen textiles	47	9308	1555	7779	1084



**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
244	Spinning, weaving and finishing of silk textiles other than in mills	65	8971	1911	9615	2701
245	Spinning, weaving and processing of silk textiles in mills	271	22628	12317	27235	7983
246	Bleaching, dyeing and printing of silk textiles	43	1831	1357	3111	495
247	Spinning, weaving and processing of man-made textile fibres	2269	1065886	220287	1549559	230995
248	Bleaching, dyeing and printing of artificial/synthetic textile fabrics	670	90279	60479	197556	35760
25	Manufacture of Jute and other vegetable fibre textiles (except cotton)	555	35245	262440	350059	93734
250	Jute and mesta pressing & baling	20	273	414	1203	117
251	Preparatory operations (including carding and combing) on jute and mesta fibres	7	350	3499	2329	222
252	Preparatory operations (including carding and combing) on coir fibre	295	1141	4574	3503	617
253	Preparatory operations (including carding and combing) on sannhemp and other vegetable fibres n.e.c.	14	115	514	603	120
254	Spinning, weaving and finishing of jute and mesta textiles	107	20949	245836	315428	87422
255	Spinning, weaving and finishing of coir textiles	89	4615	3376	16812	4190
256	Spinning, weaving and finishing of sannhemp and other vegetable-fibre textiles n.e.c.	3	2011	285	1010	94
257	Bleaching, dyeing and printing of jute and mesta textiles	13	1673	3603	5477	809
258	Bleaching, dyeing and printing of coir textiles	-	-	-	-	-
259	Bleaching, dyeing and printing of other vegetable fibre textiles n.e.c.	7	4118	339	3694	143
26	Manufacture of Textile Products (Including Wearing Apparel)	5696	657000	347023	1508728	321884
260	Manufacture of knitted or crocheted textile products	1507	150551	51771	342656	58565
261	Manufacture of all types of threads, cordage, ropes, twines, nets etc.	311	33486	16820	68045	13822

Industry code 256 included in 389.

Industry code 258 included in 259.

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
262	Embroidery work, zari work and making of ornamental trimmings	95	19288	3878	12949	2933
263	Making of blankets, shawls, carpets, rugs, and other similar textile products	144	15725	6352	25649	6115
264	Manufacture of floor coverings of jute, mesta, sannhemp and other kindered fibers and of coir	91	3278	2982	7491	1442
265	Manufacture of all types of textile garments and clothing accessories n.e.c.(except by purely tailoring establishments) from not self-produced material (Note: in principle the raw material is cut and sewn together in the establishment covered in this group)	3195	382821	249951	947067	223424
266	Manufacture of rain coats, hats, caps and school bags etc. from water proof textile fabrics or plastic sheetings	16	4904	854	3968	617
267	Manufacture of made up textile articles; except apparel	110	10426	4309	36815	4654
268	Manufacture of waterproof textile fabrics	72	13971	4368	30994	5398
269	Manufacture of textiles/textile products n.e.c. like linoleum, padding, wadding, upholstering and filling, etc.	155	22550	5738	33094	4914
27	Manufacture of Wood and Wood Products: Furniture and Fixtures	3792	117835	78464	165120	34113
270	Sawing and planing of wood (other than plywood)	2012	11065	19557	22528	4038
271	Manufacture of veneer sheets, plywood and their products	882	91061	41872	106017	22862
272	Manufacture of structural wooden goods (including treated timber) such as beams, posts, doors and windows (excluding hewing and rough shaping of poles, bolts and other wood material which is classified under logging)	117	3576	2867	5862	1252
273	Manufacture of Wooden and cane boxes, crates, drums, barrels and other containers, baskets and other wares made entirely or mainly of cane, rattan, reed, bamboo, willow, fibres, leaves and grass.	215	2185	3138	8407	1385
274	Manufacture of wooden industrial goods n.e.c.	138	1115	1758	2869	708

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
275	Manufacture of cork and cork products	16	693	399	1723	351
276	Manufacture of Wooden furniture and fixtures	307	5620	6777	13848	2828
277	Manufacture of bamboo and cane furniture and fixtures	12	765	558	1345	212
279	Manufacture of products of Wood, bamboo, cane, reed and grass (including articles made from coconut shells etc.) n.e.c.	93	1755	1538	2521	477
28	Manufacture of Paper & Paper Products and Printing, Publishing and allied Industries	6141	1214933	361684	1927819	466124
280	Manufacture of pulp, paper and paper board including manufacture of newsprint	989	766269	132112	961527	232161
281	Manufacture of containers and boxes of paper or paper board	1414	63894	34040	176712	24387
282	Manufacture of paper and paper board articles and pulp products n.e.c.	240	15040	7560	26000	4170
283	Manufacture of special purpose paper whether or not printed n.e.c.	99	13914	3748	24142	3080
284	Printing and publishing of newspapers	308	137288	39343	329841	88028
285	Printing and publishing of periodicals, books, journals, directories, atlases, maps, sheet music, schedules and pamphlets, etc.	972	76509	70913	141451	47614
286	Printing of bank notes, currency notes, postage stamps, security passes, stamp papers, and other similar products	12	39343	10373	41161	17176
287	Engraving, etching, and block making etc.	60	5214	1529	15060	1392
288	Book binding on account of others	168	2418	2544	8217	1027
289	Printing and allied activities n.e.c.	1879	95044	59522	203708	47089
29	Manufacture of Leather and products of leather, fur and substitutes of leather	1944	234387	137483	592882	90674
290	Tanning, curing, finishing, embossing and japanning of leather	924	91391	40929	226235	26780
291	Manufacture of footwear (excluding repair) except of vulcanized or moulded rubber or plastic	506	94307	64268	217659	35973



**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Indu- stry code	Industries	No. of factories	Produ- ctive capital (Rs. lakh)	Total persons engaged	Gross output ex- factory value (Rs.lakh)	Net Value added by manufac- ture (Rs.lakh)
1	2	3	4	5	6	7
292	Manufacture of Wearing apparel of leather and substitutes of leather	248	25253	17858	74512	10401
293	Manufacture of consumer goods of leather and substitutes of leather other than apparel and footwear (Note: Manufacture of school bags and travelling accessories from water-proof textile fabrics is included in group 266)	213	18842	12366	61540	15705
294	Scrapping, currying, tanning, bleaching and dyeing of fur and other pelts for the trade	3	2	25	18	7
295	Manufacture of wearing apparel of fur and pelts	4	427	279	1267	403
296	Manufacture of fur and skin rugs and other similar articles	-	-	-	-	-
297	Manufacture of leather and fur products n.e.c.	46	4165	1758	11651	1405
298	Manufacture of basic chemicals and chemical products ( except products of petroleum and coal)	9206	6866333	764291	8939011	2370929
300	Manufacture of industrial organic and inorganic chemicals (manufacture of chemicals for laboratory and technical uses is classified in group 309)	1754	1077973	103477	1215894	296093
301	Manufacture of fertilizers and pesticides	753	1934409	104754	2372621	595206
302	Manufacture of plastics in primary forms; manufacture of synthetic rubber	309	1648264	44963	1094538	434151
303	Manufacture of paints, varnishes and related products; artists' colours and ink	1203	302490	54915	605111	126258
304	Manufacture of drugs, medicines and allied products	2542	870742	206181	1683129	400501
305	Manufacture of perfumes, cosmetics, lotions, hair dressings, tooth pastes, soap in any form, detergents, shampoos, shaving products, washing and cleaning preparations and other toilet preparations	755	191858	50545	565072	108332
306	Manufacture of man-made fibres	86	440361	52302	678731	250053
307	Manufacture of matches	653	6772	62977	57736	14483
308	Manufacture of explosives; ammunition and fire works	364	44220	42314	91444	23466
309	Manufacture of chemical products n.e.c.	787	349244	41863	574735	122386

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Indu- stry code	Industries	No. of factories	Produ- ctive capital (Rs. lakh)	Total persons engaged	Gross output ex- factory value (Rs.lakh)	Net Value added by manufac- ture (Rs.lakh)
1	2	3	4	5	6	7
31	Manufacture of rubber, plastic, petroleum and coal products; processing of nuclear fuels	6931	2475333	334003	6041822	923406
310	Tyre and tube industries	547	410509	68567	760385	130254
311	Manufacture of footwear made primarily of vulcanised or moulded rubber and plastics	637	41361	17551	120326	13345
312	Manufacture of rubber products n.e.c.	1368	110810	50755	269516	45880
313	Manufacture of plastic products n.e.c.	3665	584064	119302	852217	130980
314	Manufacture of refined petroleum products (this group includes production of liquids of gaseous fuels, illuminating oils, lubricating oils or greases or other products obtained from crude petroleum or their fractionation productions. Liquification of natural gas is classified in group 111 and bottling of natural gas or liquified petroleum gas is classified in group 315)	87	1048010	25113	3374682	525641
315	Bottling of natural gas or liquified petroleum gas	74	51044	5984	136057	2141
316	Manufacture of refined petroleum products n.e.c. (This group includes manufacture of variety of products extracted/obtained from the products or residues of petroleum refining)	114	75138	7546	191776	26123
317	Processing of nuclear fuels (This group includes extraction of Uranium metals from pitch blends or other Uranium bearing ores; manufacture of alloys or dispersions or mixtures of natural Uranium or its compounds; manufacture of enriched Uranium and its compounds; Plutonium and its compounds; Uranium depleted in U235 and its compounds; Thorium and its compounds; other radio-active elements, isotops or compounds and non-irradiated fuel elements for use in nuclear reactors. Production of heavy water is classified in group 309)					

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
318	Manufacture of coke oven products (This group includes apportion of coke ovens chiefly for the production of coke or semi-coke from hard coal and lignite, retort carbon and residual products such as coaltar or pitch agglomeration of coke is included. Distillation of coaltar is classified in group 319 below)	291	91654	26071	233128	27440
319	Manufacture of other coal and coaltar products n.e.c.	148	62743	13114	103735	21602
32	Manufacture of Non Metallic Mineral Products	11546	1932185	492310	2204858	577277
320	Manufacture of refractory products and structural clay products	4158	205941	159356	264144	76029
321	Manufacture of glass and glass products	776	272981	61250	247871	60925
322	Manufacture of earthen and plaster products	19	404	420	845	193
323	Manufacture of non-structural ceramic ware	684	68884	26985	74967	22032
324	Manufacture of cement, lime and plaster	872	1078687	108004	1184991	316888
325	Manufacture of mica products	86	4913	4874	7659	1825
326	Stone dressing and crushing; manufacture of structural stone goods and stoneware	2903	147907	51410	119562	27148
327	Manufacture of asbestos, cement and other cement products	144	32084	10312	81403	22116
329	Manufacture of misc. non-metallic mineral products n.e.c.	1904	120384	69699	223416	50121
33	Basic Metal and Alloys Industries	6820	7331418	741193	7658246	1395260
330	Manufacture of iron and steel in primary/self-finished forms	1739	4759523	376855	4070078	749261
331	Manufacture of semi-finished iron and steel products in re-rolling mills, old-rolling mills and wire-drawing mills	1628	1020919	111840	1343998	179760
332	Manufacture of ferro alloys	152	165568	21276	236974	43715
333	Copper manufacturing	203	77172	12846	183659	13711
334	Brass manufacturing	196	21417	7965	53869	8424
335	Aluminium manufacturing	386	876188	72211	986101	286324
336	Zinc manufacturing	40	74411	6177	94598	10548
337	Casting of metals	2208	299614	122192	609823	94131
338	Processing/re-rolling of metal scraps other than iron and steel scraps (Note: Re-rolling of iron and steel scraps is included in class 330)	61	2117	1271	8610	892



**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
339	Other non-ferrous metal industries	207	34489	8560	70536	8494
34	Manufacture of Metal Products and Parts, except Machinery and Equipment	7984	731438	284194	1493893	325647
340	Manufacture of fabricated structural metal products	1104	159322	56537	272620	55939
341	Manufacture of fabricated metal products n.e.c.	1874	140926	63391	392892	76085
342	Manufacture of Furniture and fixtures, primarily of metal	369	25634	14602	72776	21517
343	Manufacture of handtools, weights and measures and general hardware	1472	108259	56756	242681	62430
344	Forging, pressing, stamping and roll forming of metal; powder metallurgy. (This group includes production of a wide variety of finished or semi-finished metal products, by means of the above activities which individually would be characteristically produced in other activity categories).	493	178594	29500	144667	59647
345	Treatment or coating of metals; general mechanical engineering on a sub-contract basis. (This group includes plating, polishing, anodising, engraving, printing, hardening, buffing, deburring, sand blasting, welding or other specialised operations on metals on a fee or contract basis. The units classified here, generally, do not take ownership of the goods nor do they sell them to third parties).	710	19562	13649	46465	9474
346	Manufacture of metal cutlery, utensils and kitchenware	1429	44566	26958	99133	18841
349	Manufacture of metal products (except machinery and equipment) n.e.c.	533	54575	22548	124629	21714
35-36	Manufacture of Machinery and equipment other than transport equipment (manufacture of scientific equipment, photographic/cinematographic equipment and watches and clocks is classified in division 38)	14304	44566	29658	99133	18841

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
350	Manufacture of agricultural machinery and equipment and parts thereof	802	121974	46201	484417	89551
351	Manufacture of machinery and equipment used by construction and mining industries.	289	68434	29649	155257	35614
352	Manufacture of Prime movers,boilers, steam generating plants and nuclear reactors	819	241607	85800	625985	139296
353	Manufacture of industrial machinery for food and textile industries (including bottling and filling machinery)	1312	146204	70150	440263	117756
354	Manufacture of industrial machinery for other than food and textile industries	1333	144624	66237	333282	75517
355	Manufacture of refrigerators,air-conditioners and fire fighting equipment and their parts and accessories	252	96574	29605	258679	40235
356	Manufacture of general purpose non-electrical machinery/equipment, their components & accessories n.e.c.	1385	281095	93555	633361	187154
357	Manufacture of machine tools,their parts and accessories	1208	117879	55913	229158	73767
358	Manufacture of office computing and accounting machinery and parts (Note: Manufacture of computers and computer based system including wordprocessors is classified in group 367)	52	13215	2902	30642	6091
359	Manufacture of special purpose machinery/equipment, their components and accessories n.e.c.	1193	122305	41602	321548	79594
360	Manufacture of electrical industrial machinery apparatus and parts thereof	1986	453653	163893	1346076	353949
361	Manufacture of insulated wires and cables, including manufacture of optical fibre cables	689	356353	50473	590413	117001
362	Manufacture of accumulators, primary cells and primary batteries	174	73933	18665	206825	73008
363	Manufacture of electric lamps	491	78830	24577	115541	20877

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
364	Manufacture of electric fans and electric/electrothermic domestic appliances and parts thereof	648	86366	31340	206636	30467
365	Manufacture of apparatus for radio broadcasting, television transmission, radar apparatus and radio remote control apparatus and apparatus for radio/line telephony and line telegraphy	316	319904	66182	350428	81877
366	Manufacture of television receivers: reception apparatus for radio broadcasting, radio telephony/telegraphy, video recording or reproducing apparatus, turn-tables, record players, cassette players and other sound reproducing apparatus, sound recording apparatus, micro phones, loudspeakers, amplifiers and sound amplifiers and pre-recorded audio/video records/tapes	466	287973	103105	605095	86811
367	Manufacture of computers and computer based systems	254	112353	23138	333510	73652
368	Manufacture of electronic valves and tubes and other electronic components n.e.c.	441	189841	33155	217169	48659
369	Manufacture of radiographic X-ray apparatus, X-ray tubes and parts and manufacture of electrical equipment n.e.c.	194	50921	11115	75367	27222
37	Manufacture of Transport Equipment and Parts	4106	1855974	621880	4766414	1073979
370	Ship and boat building	253	48335	32909	188562	26717
371	Manufacture of locomotives & parts	48	147258	58244	148281	19808
372	Manufacture of railway/tramway wagons and coaches and other rail-road equipment n.e.c.	222	88574	128544	227206	75856
373	Manufacture of heavy motor vehicle coach work	706	605189	131696	1634148	387273
374	Manufacture of motor cars and other motor vehicles principally designed for the transport of less than ten persons (including manufacture of racing cars and golf-cars etc.)	1087	556927	112057	1341525	295067
375	Manufacture of motor cycles, scooter & parts (including three wheelers)	504	179737	76048	764534	181301
376	Manufacture of bicycles, cyclerickshaws and parts	739	89529	49892	275401	38275
377	Manufacture of aircraft, spacecraft and their parts	34	108727	10676	97128	30666
378	Manufacture of bullock carts, push carts and hand carts etc.	20	270	517	1179	197



**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Indu- stry code	Industries	No. of factories	Produ- ctive capital (Rs. lakh)	Total persons engaged	Gross output ex- factory value (Rs.lakh)	Net Value added by manufac- ture (Rs.lakh)
1	2	3	4	5	6	7
379	Manufacture of transport equipment and parts n.e.c.	493	31428	21297	88450	18819
38	Other Manufacturing Industries	2277	487009	145810	879565	193843
380	Manufacture of medical, surgical and scientific and measuring equipment except optical equipment	536	98931	34206	181574	53452
381	Manufacture of photographic, cinematographic and optical goods and equipment (excluding photochemicals, sensitised paper and film)	136	48520	5896	80923	13806
382	Manufacture of watches and clocks	220	94798	26701	96361	24604
383	Manufacture of jewellery and related articles	435	114191	36959	284929	46285
384	Minting of currency coins	9	24604	6349	32692	14273
385	Manufacture of sports and athletic goods	89	9343	5019	24649	4848
386	Manufacture of musical instruments (Note: Manufacture of toy musical instruments is classified in group 389)	13	500	1387	8113	1489
387	Manufacture of stationery articles n.e.c.	328	33056	12983	69163	14417
388	Manufacture of items based on solar energy like solar cells, cookers, air and water heating systems and other related items	25	11810	1285	21408	5682
389	Manufacture of miscellaneous products n.e.c. (i)	486	51256	15025	79753	14987
39	Repair of capital goods (This division includes repair and maintenance, other than by manufacturers of machinery and equipment which are generally used as investment goods by industries. Repair of ships/boats and air-crafts/space-crafts remain classified in groups 370 and 377 respectively. Repair of consumption of goods is classified in division 97 whether or not the consumers are households)	2257	104408	232359	303284	140810
390	Repair of agricultural machinery/equipment	54	1969	1930	7528	1759
391	Repair of prime movers, boilers, steam-generating plants and nuclear reactors	7	6676	191	710	300
392	Repair of machine tools	7	130	324	1373	-21
393	Repair of industrial machinery other than machine tools	37	1997	1999	3549	1465
394	Repair of office, computing and accounting machinery \$	-	-	-	-	-

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Contd.**  
**(Selected characteristics by Industry)**

Industry code	Industries	No. of factories	Productive capital (Rs. lakh)	Total persons engaged	Gross output ex-factory value (Rs.lakh)	Net Value added by manufacture (Rs.lakh)
1	2	3	4	5	6	7
395	Repair of electrical industrial machinery and apparatus	62	4138	2841	8216	3228
396	Repair of apparatus for radio-broadcasting or television transmission; radar apparatus, radio remote control apparatus and apparatus for radio/line telephony or line telegraphy	5	318	200	326	100
397	Repair of locomotives and other railroad equipment	49	26448	69596	84403	38026
398	Repair of heavy motor vehicles	1965	56828	150231	182945	90061
399	Repair of machinery and equipment n.e.c.	71	5904	5047	14234	5892
40	Electricity	3626	12242733	1147045	7329556	2053835
400	Generation and transmission of electrical energy	3062	10706698	937979	6346563	1824435
401	Distribution of electric energy to house-holds, industrial, commercial and other users	564	1536035	209066	982993	229400
41	Gas and steam generation and distribution through pipes	94	126027	5641	211326	41388
410	Generation of gas in gas works and distribution through mains to households, industrial, commercial and other users	94	126027	5641	211326	41388
42	Water Works and Supply	285	21880	25890	76899	21419
420	Water supply i.e. collection, purification and distribution of water	285	21880	25890	76899	21419
43	Non-conventional energy generation and distribution	8	4793	145	1609	396
430	Generation of solar energy	3	855	71	1056	178
431	Generation and distribution of biogas energy	-	-	-	-	-
432	Generation of energy through windmills	-	-	-	-	-
439	Generation and distribution of other non-conventional energy n.e.c. *	5	3938	74	553	218
74	Storage and Ware Housing services	1141	38140	25748	64118	16824
741	Warehousing of agricultural products with refrigeration (cold storages)	1119	33074	25238	38399	8979
749	Storage and warehousing services n.e.c. (includes warehousing of furniture, automobiles, gas and oil, chemicals and textiles. Also includes storage of goods in foreign trade zones).	22	5066	510	25719	7845

Industry Code 430, 431 and 432 included in 439.

**Table 9.2-ANNUAL SURVEY OF INDUSTRIES (FACTORY SECTOR) : 1995-96 -Concl'd.**  
**(Selected characteristics by Industry)**

Indu- stry code	Industries	No. of factories	Produ- ctive capital (Rs. lakh)	Total persons engaged	Gross output ex- factory value (Rs.lakh)	Net Value added by manufac- ture (Rs.lakh)
1	2	3	4	5	6	7
97	Repair Services	1879	62114	65526	94386	44666
970	Repair of footwear and other leather goods	-	-	-	-	-
971	Repair of households electrical appliances	13	182	256	837	361
972	Repair of TV,VCR,radio, transistor, tape-recorder,refrigerator and other electronic appliances	66	2989	1968	4848	2338
973	Repair of watches, clocks and jewellery	19	320	554	809	455
974	Reair of motor vehicles and motor cycles except trucks,lorry and other heavy vehicles	1542	40288	48829	64352	30815
975	Repair of bicycles and cycle rickshaws	-	-	-	-	-
979	Repair enterprises n.e.c. @	239	18335	13919	23540	10697

Source: Central Statistical Organisation

! Includes ind group 258

# Includes ind group 296

\$ Includes ind group 394

\* Includes ind groups 431 & 432

@ Includes ind group 970

Note: Industry groups with number of factories less than three have been clubbed and as such the aggregation to two digit level may not tally with the figures given for the two digit industry group.



Table 9.3- MILL PRODUCTION OF COTTON YARN

(tonnes)

Year/States/U.Ts.	1-10 Counts	11-20 Counts	21-30 Counts	31-40 Counts	Above 40 Counts	Total
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	197	354	277	456	226	1510
1991-92	211	342	255	440	202	1450
1992-93	234	336	276	471	206	1523
1993-94	266	367	299	471	219	1622
1994-95	263	363	300	438	222	1586
1995-96	292	390	369	460	277	1788
1996-97	479	511	405	515	238	2148
1997-98(P)	503	508	427	542	233	2713
<b>1997-98(P)</b>						
<b>States:</b>						
Andhra Pradesh	14015	18718	17714	22083	13295	85825
Assam	362	484	458	571	343	2218
Bihar	817	1092	1033	1288	776	5006
Goa	11	15	14	17	10	67
Gujarat	21716	29004	27448	34217	20600	132985
Haryana	11451	15293	14473	18042	10862	70121
Himachal Pradesh	2623	3503	3315	4132	2488	16061
Jammu & Kashmir	940	1256	1188	1481	892	5757
Karnataka	12318	16451	15569	19408	11683	75429
Kerala	5618	7503	7100	8851	5329	34401
Madhya Pradesh	10286	13738	13001	16207	9756	62988
Maharashtra	45816	61191	57908	72189	43459	280563
Manipur	-	-	-	-	-	-
Orissa	2953	3943	3732	4652	2801	18081
Punjab	16595	22164	20975	26148	15742	101624
Rajasthan	9116	12175	11522	14364	8647	55824
Tamil Nadu	111258	148594	140623	175301	105535	681311
Uttar Pradesh	14899	19899	18831	23475	14133	91237
West Bengal	6853	9153	8662	10798	6501	41967
<b>Union Territories:</b>						
Delhi	1539	2055	1945	2425	1459	9423
Pondicherry	2831	3781	3578	4460	2684	17334

Source: Office of the Textile Commissioner, Ministry of Textiles

§ Includes figures for the items '30-40 Counts' also which is not separately available.

P Provisional.

\* Statewise Break up for 1996-97 and 1997-98 not available, therefore statewise figures for 1995-96 are repeated.

Notes: 1. Above data exclude the production of cotton yarn by small scale spinning units.

Table 9.4-PRODUCTION OF COTTON CLOTH

('000 sq. metres)

Year/States/ Union Territories	Coarse	Medium	Fine	Superfine	Total mill cloth	Decen- tralised Sector	Grand Total
1	2	3	4	5	6	7	8
<b>All India</b>							
1990-91	244	1439	77	99	1859	13572	15431
1991-92	225	1271	59	96	1651	12996	14647
1992-93	192	1088	41	86	1407	14936	16343
1993-94	226	1009	31	90	1356	16434	17790
1994-95	233	874	42	98	1262\$	15757	17019
1995-96	233	781	36	80	1159\$	17741	18900
<b>1995-96</b>							
<b>States:</b>							
Andhra Pradesh	14	46	2	4	66	..	..
Bihar	-	-	-	-	-	..	..
Gujarat	51136	171429	7894	17773	248232	..	..
Karnataka	5534	18552	854	1923	26863	..	..
Kerala	3443	11543	532	1196	16714	..	..
Madhya Pradesh	8819	29565	1361	3066	42811	..	..
Maharashtra	110373	370017	17038	38362	535790	..	..
Orissa	4641	15560	716	1614	22531	..	..
Punjab	5028	16856	776	1748	24408	..	..
Rajasthan	7901	26486	1220	2745	38352	..	..
Tamil Nadu	16804	56334	2594	5840	81572	..	..
Uttar Pradesh	4347	14574	671	1512	21104	..	..
West Bengal	7575	25394	1169	2633	36771	..	..
<b>Union Territories:</b>							
Delhi	136	457	21	48	662	..	..
Pondicherry	7078	23729	1093	2460	34360	..	..

Source: Office of The Textile Commissioner, Ministry of Textiles

- Note: 1. Statewise break up for decentralised sector is not available.  
 2. All India figures from 1990-01 onwards are in million sq. metres and State wise figures are in '000 sq. meter.

Table 9.4-PRODUCTION OF COTTON CLOTH-Concl'd.

Year/States/U.Ts.	Superfine		Total mill cloth		Total decen- tralised sector ( <sup>'000</sup> Sq.Metre)	Grand Total ( <sup>'000</sup> Sq.Metre)
	Tonne	<sup>'000</sup> Sq.Metre	Tonne	<sup>'000</sup> Sq.Metre		
1	8	9	10	11	12	13
<b>All India</b>						
1990-91	..	99	..	1859	13572	15431
1991-92	..	96	..	1651	12996	14647
1992-93	..	86	..	1407	14936	16343
1993-94	..	90	..	1356	16434	17790
1994-95	..	98	..	1262\$	15757	17019
1995-96	..	80	..	1159\$	17741	18900
<b>1995-96</b>						
<b>States:</b>						
Andhra Pradesh	..	4	..	66	..	..
Bihar	..	-	..	-	..	..
Gujarat	..	17773	..	248232	..	..
Karnataka	..	1923	..	26863	..	..
Kerala	..	1196	..	16714	..	..
Madhya Pradesh	..	3066	..	42811	..	..
Maharashtra	..	38362	..	535790	..	..
O.issa	..	1614	..	22531	..	..
Punjab	..	1748	..	24408	..	..
Rajasthan	..	2745	..	38352	..	..
Tamil Nadu	..	5840	..	81572	..	..
Uttar Pradesh	..	1512	..	21104	..	..
West Bengal	..	2633	..	36771	..	..
<b>Union Territories:</b>						
Delhi	..	48	..	662	..	..
Pondicherry	..	2460	..	34360	..	..

Source: Office of The Textile Commissioner, Ministry of Textiles

- Note: 1. Statewise break up for decentralised sector is not available.  
 2. All India figures from 1980-81 to 1995-96 are in million sq.metres and State wise figures are in <sup>'000</sup> sq. meter.  
 3. All India figures prior to 1980-81 are in liner sq. metres only.

\$ Includes data for manufacturing units also.



**Table 9.5-PRODUCTION OF MAN-MADE FIBRE FABRICS**

('000 sq. metres)

Year	By powerlooms & handlooms	By textile mills	Total
1	2	3	4
1990-91	5085000	41000	5126000
1991-92	5170000	59000	5229000
1992-93	5957000	60583	6017583
1993-94	6468000	58673	6526673
1994-95	7232000	59303	7291303
1995-96	8277000	54127	8331127
1996-97	9322000	247000	9569000
1997-98	10381000	246000	10627000

Source: Office of The Textile Commissioner, Ministry of Textiles



Table 9.6- PRODUCTION OF SELECTED INDUSTRIES

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Disolved acetallene gas (d.a.gas)	Th.Cu.Metres	9888	10928	13770	13369.3
Oxygen	Th.Cu.Mtrs	124284.8	158913.7	176663.3	182335.7
Sulphuric acid	Tonnes	3745355	4401990	4987799	4830224
Fatty acids	Tonnes	137264	144947	151316	146882
Glycerine	Tonnes	14647	14168	14521	15369
Calcium carbide	Tonnes	103997	95325	91308	83445
Caustic soda	Th.Tonne	1120.6	1356.8	1456.2	1425.8
Soda ash	Th.Tonne	1451.6	1464.3	1488.8	1567.7
Titanium dioxide	Tonnes	30444	15554	13279	15721
Acetic acid	Tonnes	83912	148639	180442	199530
Acetic anhydride	Tonnes	34178	36780	43156	42107
Ethelene glycol	Tonnes	138523	178253	178863	327387
Ethylene	Tonnes	463635	495702	504965	509239
Formaldehyde	Tonnes	189868	162656	170086	186827
Linear alkyl benzene	Tonnes	221612	233647	232724	254851
Methanol	Tonnes	180477	326790	376141	396060
Phenol	Tonnes	56042	63847	64239	72494
Phthalic anhydride	Tonnes	56540	67239	92858	139517
Caprolactum	Tonnes	87490	113974	111800	91773
Nitrogenous fertilizers	Th.Tonne	8039.5	9228.4	8764.3	10468.6
Phosphatic fertilizers	Th.Tonne	2912.6	2781.8	2803	3190.8
Endosulfan technical	Tonnes	8324	7964	8332	7972
Monocrotophos	Tonnes	5385	7284	7145	8722
Synthetic rubber	Tonnes	61252	59236	57534	53637
P.V.C. resins	Tonnes	324779	392484	430456	549199
Synthetic resins	Tonnes	33559	46792	49561	53209
P.F. moulding powder	Tonnes	2490	3313	3928	4378
Rubber chemicals	Tonnes	19099	21927	24117	24665
H.D.P.E	Tonnes	150748	203418	272072	362377
Metallised hopp films	Tonnes	16005	17371	19448	25310
Paints, enamels & varnishes (IPP)	Tonnes	163546	202464	213239	223312.9
Paints, enamels & varnishes (SSI)	Tonnes	247239	298322	260556	260556
Azo dyes	Tonnes	2733	2651	2890	3120
Organic pigments	Tonnes	5957	7407	8621	9440
Reactive dyes	Tonnes	6169	6771	7249	7785
Optical whitening agent (IPP)	Tonnes	1020	1225	1355	1056.6
Optical whitening agent (SSI)	Tonnes	1010.7	841.8	791	736.1
Sulpha drugs	Tonnes	2615.5	2222.9	2018.5	2490.5
Trimethoprim	Kg.	252285	260153	247933	265578
Ampicillin	Kg.	273053	316237	325112	358112
Pencillin	M.M.U.	905.7	791.2	627.5	351.5
Vitamin a	M.M.U.	93.5	90.1	56	66.2
Vitamin c	Kg.	788105	665236	638969	600497

Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Contd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Hair oil/ayurvedic hair oil	K.Litre	1014	628	554	766.8
Detergent all kinds	Tonnes	382084	452316	513053	517596
Soap all kinds (IPP)	Tonnes	353232	388287	369684	450088
Soap all kinds (SSI)	Th.tonnes	1216.3	1410.2	1110.3	1135.8
Agarbathi	Rs.Lakh	878	995	1111	1217.9
Toothpaste	Tonnes	25095	25530	29643	29076
Toothpowder	Tonnes	6345	11624	12058	14801
Filament yarn	Mn Kg	399.8	493	601.6	768.7
Nylon tyre cord	Tonnes	35428	52551	54585	46167
Polyster fibre	Tonnes	180485	218760	271105	335978
Viscose staple fibre	Tonnes	250002	286562	297596	302151
Viscose tyre cord	Tonnes	12463	12350	12257	11184
Milk powder of all kinds	Tonnes	81586	85809	98379	94431
Wheat flour/maida	Th.Tonne	4800	4800	4800	5040
Biscuits (IPP)	Tonnes	148831	156444	160123	155727.2
Biscuits (SSI)	Tonnes	503445	516266	461069	452115
Sugar	Lakh tonnes	126.7	148.1	153.1	132.5
Salt	Th.tonnes	11039.6	14034.5	14991.5	12599.9
Chocolate & sugar confectionary	Tonnes	15940	17921	21000	19672
Deoiled mustard cake	Tonne	1631403	1093076	1149814	1120183
Edible hydrogenated oil	Tonne	998120	1089135	1100873	1005500
Soyabean oil	Tonne	502061	820961	687036	715523
Sun flower oil	Tonne	103072	98698	94360	105121
Coconut oil	Tonne	6299	8438	7318	6896
Cotton seed oil	Tonne	11803	9033	10901	7592
Deoiled rice bran	Tonne	2541817	2563144	2820689	2712087
Ground nut oil	Tonne	146423	49619	47378	52156
Mustard oil / rape seed oil	Tonne	235271	211005	217045	254781
Rice bran oil	Tonne	407222	475508	496672	472688
Till seed oil	Tonne	5737	857	1765	928
Tea	Th. tonnes	743.3	762.4	775.3	838
Coffee	Tonnes	200100	192400	220900	207800
Malted food	Tonnes	35488	58172	59089	79679
Rectified spirit	K.Litre	564369	684680	809689	823481
Beer	K.Litre	277789	370046	425486	433075
Indian made foreign liquor	K.Litre.	24550	24104	28803	40059
Country liquor.	K.Litre.	15609	23503	23939	31469
Soft drink & soda	Mil.Bottles	877.8	1097	1370.8	1667.1
Cigarettes	Mill.Nos	71037.7	69588.5	73841.6	83162.5
Cotton yarn (including SSI)	Mn.Kg	1695.7	1894.2	2147.9	2218.4
Cotton cloth (excluding hosiery)	M.Sq.Mtrs	13711.7	14412	15141.7	14704.1
100% Non-cotton cloth	M.Sq.Mtrs	7495	8535.7	9794	10813.9
100% Non-cotton yarn	Mn.Kg	158.3	195.6	162.1	222.7

Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Contd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Blended cloth	M.Sq.Mtrs	3660.8	4024	4403.3	5795.2
Blended yarn	Mn.Kg	345.6	395.3	483.8	583.3
Carpet backing cloth	Th.tonnes	32.1	30.5	25.2	19.8
D.W.Tarpaulin	Tonnes	76800	41100	52900	63000
Hessain	Th. tonnes	333.5	413.9	368.7	392.4
Sacking	Th. tonnes	689.8	636.3	656.6	864.6
Yarn	Th. tonnes	84.2	65.1	84.3	122.9
Cotton hosiery cloth	M.Sq.Mtrs	3307.4	4488	4912.7	5328
Particle board	Sq.Mtrs	1865984	2535606	3157796	3438081
Plywood commercial	Sq.Mtrs	69297277	81325771	77752030	68137154
Rayon grade pulp (machine made pulp all kinds)	Tonnes	328269	289069	290397	272561
Paper & paper board (IPP)	Tonnes	2554392	2710473	2758243	2930052.7
Paper & paper board (SSI)	Tonnes	619192	843939	1150228	1363817
Newsprint bleached	Tonnes	275306	316341	298325	287881
Corrugated boxes/cartons (all kinds)	Tonnes	5374	8808	11916	13851
Finished leather	Th.Pcs	44654	43717	50488	48577
Leather footwear indian type (IPP)	Th.Pairs	4650.5	5321	4964.7	5210.3
Leather footwear indian type (SSI)	Th.pairs	153612	176141	152130	132627
Leather footwear western type	Th.Pairs	15664	14101.7	16262.7	17174.9
Shoe uppers	Th.Pairs	3192	4142	4489	4935
Leather garments	Rs.Lakh	17579	24614	26165	19352
Leather goods	Rs.Lakh	2301	3525	2625	2475.1
Chlorine	Th.Tonne	541.3	708.6	688.8	675.6
Matches (IPP)	Mil.bboxes	4645	4560	4264	3778.1
Matches (SSI)	Mil.bboxes	76985.1	62933.8	63762	67963.4
Fire works	Tonnes	12447	12020	12402	10468
High explosive nitro glycerine based	Tonnes	2071	3780	5644	7481
Industrial explosives	Tonnes	153311	224085	235998	244317
Cine film & x-ray films	Th.Sq.Mtrs.	54872	24009	19517	17264
Photo film/roll film	Rs.Thousand	152201	100890	21979	74214
Photosensitised paper	Th.Rolls	165	180	180	215
Adhesives all types	Tonnes	1907	2101	2137	2422.5
Gelatine	Tonnes	4612	5124	5515	5783.4
Bicycle tubes	Mill.Nos	17.2	18.4	18.4	23
Bicycle tyres	Mill.Nos	10.6	10.4	10.4	12.3
Giant tubes	Th.Nos.	6120.7	5836.4	6027.6	6532.9
Giant tyres	Th.Nos.	7276.3	8786.6	8835	9110.8
Rubber conveyor belting	Tonnes	9584	10926	16067	13606
Tractor tyres/a.d.v.tyres	Th.Nos.	1874.2	1786.9	1932.7	2045.6
Two wheeler tyres	Th.Nos.	8388.7	7849.1	7799.1	7681.6
Rubber footwear	Mill.Pairs	31.7	27.8	28.3	27.9
Rubber hoses (other type)	K.Metre	3466	5316	6284	5836.4
Sheets (pvc/rubber)	Tonnes	8667	7101	6174	7490



Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Contd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Contraceptives	Th.Nos.	1158100	1008800	1165273	1223200
L.D.P.E	Tonnes	252668	223660	237079	293452
Laminates (decorative)	Tonnes	18245	24530	20255	21286
PVC pipes & tubes	Tonnes	21088	21883	22274	23260
Aviation turbine fuel	TMT	1967	2127	2119	2147
Benzene	TMT	125	141	152	138
Bitumen	TMT	1846	2032	2281	2159
Furnace oil	TMT	5729	5350	5979	6771
High speed diesel	TMT	19592	20661	22202	23355
Light diesel oil	TMT	1363	1350	1285	1246
Low sulphur heavy stock	TMT	3715	3912	4001	4084
Lubricating oil	TMT	505	633	619	592
Motor spirit	TMT	4132	4460	4703	4850
Naptha	TMT	5661	5976	6122	6104
Natural gas	MCM	19380	22307	22745	24649
Petroleum coke calcined	TMT	45	46	50	49
Superior kerosene	TMT	5264	5267	6237	6700
Liquified petrolum gas	TMT	1433	1539	1599	1666
Di-methyl tetra phthalate (dmt)	Tonnes	146885	212956	225861	274243
Hard coke	Th.tonnes	13173.3	12856.3	13098	12390.4
Middling	Th.tonnes	6330.2	6802.4	6834.5	7549.4
Washed coal	Th.tonnes	11751.3	11915.3	10885.1	10008.8
Carbon black	Tonnes	177786	234182	255262	218343
Glazed tiles/ceramic tiles	Tonnes	291996	392256	429546	484080
Bottles/bottle glass wares	Tonnes	395128	534625	498737	771606
H.T.Insulators	Tonnes	34625	35851	35787	35207
Cement all kinds	Th.Tonne	63460.6	67721.9	73261.4	82873.2
Polished granite/stone chips	Rs.Lakh	2270	3871	4803	4957.2
Asbestos cement pressure and building pipes etc.	Th.Tonne	66.6	204.4	228.3	240.5
Asbestos cement sheets	Th.Tonne	691.3	775.9	855.1	922.6
Railway/concrete sleeper	Numbers	415465	460878	461241	451750
Graphite electrodes & anodes	Tonnes	26204	33757	35575	37082.6
Bars and rods	Th. tonnes	7080.6	7952.3	8361.3	8233.9
Carbon steel	Th. tonnes	6835.3	7890.4	7839.9	7978.3
H.R.coils/ skelp	Th. tonnes	2817.3	4154.5	4651	5051.4
Pig iron	Th. tonnes	2784.6	2872.7	3303.8	3427.3
Railway materials	Th. tonnes	578.3	558.6	599.1	594.6
Stainless/ alloy steel	Th. tonnes	1230	1186	1610	1650.6
Structurals (light, medium & heavy)	Th. tonnes	2144.2	2482.4	2553.5	2732.8
Sponge iron	Th. tonnes	3392	4443	5047	5323
Plates	Th. tonnes	1606	2058.8	1811.5	1771.8
Steel wires (wire drawing)	Th. tonnes	482	498	495	452
Wire ropes	Tonnes	54060	81380	77747	93148

Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Contd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Electric sheets	Th. tonnes	115.8	104.2	80.4	64.7
GP/GC sheets (colour coated)	Th. tonnes	750.1	856.8	966.5	1122.1
Tinplate (including ww)	Th. tonnes	100.1	53.1	64.8	94.5
C.R sheets/ coils	Th. tonnes	2092.2	2566.1	2863.6	2994.5
H.R sheets	Th. tonnes	405.8	414.4	464.1	419.5
Pipes & tubes (DCIS)	Th. tonnes	130.4	180.4	303.2	292.3
Pipes & tubes (SSI)	Tonnes	239925	250990	271232	214612
Ferro chrome	Th. tonnes	162.9	232.7	144	204
Ferro manganese	Th. tonnes	156.4	145.8	163	144
Ferro silicon	Th. tonnes	56.6	44.5	76	73
Other ferro alloys	Th. tonnes	105.3	150	203	302
Copper metal (cathode)	Tonnes	51992	63398	96503	101499
Stamping & forgings	Tonnes	229440	270592	280386	329931
Aluminium extrusions	Tonnes	50461	70978	71966	83363
Aluminium foils	Tonnes	16000	22909	21856	23668
Aluminium ingots	Th. Tonne	467.2	527	509.5	548.9
Aluminium rolled products	Tonnes	106593	116505	99175	115325
Aluminium wire rods	Tonnes	110491	141353	128094	138706
C.I. castings	Tonnes	113135	120106	164673	148046
Steel castings (IPP)	Tonnes	249384	303302	393390	393163.2
Steel castings (SSI)	Tonnes	134181	102574	73988	44938
Well/off shore platforms	Rs. Lakh	44206	7643	21372	39693.9
L.P.G. cylinders	Th. Nos.	1879.4	2648	2841.3	3392.9
Drums & barrels	Tonnes	43927	53109	43886	44400
Tin metal containers	Tonnes	58129	77127	77495	80409
Spun pipes	Tonnes	142971	144617	145306	150165
Agricultural implements	Rs. Lakh	19696	22773	18417	18705
Bolts & nuts (IPP)	Tonnes	36351	37936	38529	35594
Bolts & nuts (SSI)	Tonnes	426590	479193	504942	515796
Welded link chains	Tonnes	4523	9941	11289	10829
Zip fasteners (SSI)	Rs. Thousand	32384	39479	60279	42759
Metalic utensils excl. pressure cooker	Rs. Thousand	53922	71239	87581	92742
Pressure cookers	Numbers	2804666	3301132	3159268	2974418
Aluminium collapsable tubes	Mill. No.	190	171	182	171.3
Razor blades	Mill. Nos	3341.3	3685	3906.3	4100.9
Welding electrodes/rods	Th. Run Mt	471946	406481	404433	375183
Complete tractors	Numbers	157812	201732	244764	277923
Dumper	Numbers	372	525	559	614.5
Hydraulic machine/hydraulic cylinders	Rs. Thousand	396863	681127	891833	692254
Wheel mtd dump loaders	Numbers	201	187	133	82.2
Boilers	Rs. Lakh	102478.1	120232.7	141199	131107.9
Diesel engines (IPP)	Numbers	167578	182443	236125	265027.2
Diesel engines (SSI)	Numbers	1606646	1783169	1752178	1681228
Textile machinery	Rs. Lakh	112165.9	115077.3	78238	99937.3

Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Contd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Printing machinery	Rs.Lakh	173743	6295	5954	8527.1
Furnaces	Rs.Lakh	4551	5401	6569	5712.4
Industrial machinery	Rs.Lakh	228269	169058	241920	161241.4
Cooling towers	Rs.Lakh	6315.1	10429	14112	13196.8
Refrigerators & air-conditioning plants	Rs.Lakh	11012.4	10732.5	11146.6	10430.9
Window type air conditioners	Numbers	43384	36800	42040	39003
Refrigerators (domestic)	Th.Nos.	1668.2	1913.3	1705	1599.8
Sealed compressors	Numbers	629216	722273	724268	663610
Cranes	Tonnes	14538	22068	25824	17905
Lifts	Numbers	3451	2436	2393	2360
Material handling equipment in cl.wagon	Rs.Lakh	25003	22362	24048	29598.3
Air and gas compressor (IPP)	Numbers	46957	22504	16856	17611.1
Air and gas compressor (SSI)	Numbers	14867	13345	13224	13224
Monoblocks	Numbers	17942	18354	19288	21213
Parts & accessories (pumps & compressors)	Rs.Lakh	3307	4306	5057	5484.2
Power driven pumps	Th.Nos.	516.4	663.4	680.1	692.5
Valves all kinds	Rs.Lakh	28920	34701	35517	42337
Ball & roller bearings	Lakh Nos.	1493.3	2313.2	2142.2	1965.2
Gear boxes	Numbers	223871	257668	278181	284072
Cutting tools (lathes etc.)	Th.Nos.	6746.6	6278.6	4685	4881
Diamond tools	Numbers	1416190	1535322	1589922	1866926
Machine tools (IPP)	Rs.Lakh	88066	157403	132236	154458.2
Machine tools (SSI)	Rs.Crore	52.6	70.8	86	100.1
Typewriters	Numbers	87287	101824	82818	91385
Sewing machines	Numbers	99332	128297	108080	96759
Washing/ laundry machines etc.	Numbers	374459	480195	661398	830461
Electric generators (including alternators)	Rs.Lakh	39511.2	47352.4	44212.3	57942
Power & dist. transformers (IPP)	Mill.K.V.A	41.7	38	34.9	43.6
Power & dist. transformers (SSI)	Numbers	639115	861489	847858	955593
Control panels/boards/disks	Rs.Lakh	8024	10734	14759	14622.8
Protection system/switch board/switch gear etc.	Rs.Thousand	707882	659305	732504	879644.1
Switchgear (circuit breakers)	Numbers	301790	305322	325151	280584
Electric motors (IPP)	Lakh. H.P.	65.7	63.5	71.9	72
Electric motors (SSI)	Numbers	1008124	1064116	1158503	1225765
Electric motors phase one	Numbers	593710	637915	846543	742892.5
Power capacitors	KVAR	2645019	4627977	4803420	4790636
Motor starters and contactors	Th. Nos	2626	2955	2910	2592.1
Stamping (lamination)	Tonnes	29303	33229	32599	53737
Turbines (steam/hydro)	Rs.Lakh	31440	45274.9	45751.3	43327.3
ACSR/AA conductors	Tonnes	2804.1	32829	38635	35309
Insulated cables/wires all kinds	Core Km.	286091	288155	311600	327638
PVC/PICL	K.Metre	20474	22678	19440	21864
Telecommunication cables	Mill.Mtr	14656.5	15812.7	14612.3	14474.4

Table 9.6- PRODUCTION OF SELECTED INDUSTRIES -Concl'd.

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	2	8	9	10	11
Winding wires	Tonnes	23034	18680	17183	17415
Storage batteries	Lakh Nos	30.8	33.9	33.6	35.2
Dry cells	Mill.Nos	1234	1441.5	1565.9	1581.4
Auto lamps	Th. Nos.	38414	37808	41736	44034
G.L.S. lamps	Mill.Nos	374.6	383.9	394.7	395.7
Fluorescent tubes	Lakh Nos	925.3	1172.2	1362.6	1538.9
Lighting, fitting & fixtures	Rs.Lakh	10181	13758	13417	14390.5
Electric fans all kinds (IPP)	Lakh Nos	48.9	55.2	55.3	57
Electric fans all kinds (SSI)	Lakh Nos	16.2	17.5	24.2	24
Radio receivers	Th.Nos.	209.8	116.9	47.4	32.5
Telephone instruments	Th.Nos.	1910	3806	3891	4989
T.V. picture tubes	Th.Nos.	4622.5	4154.7	4466.4	4852.6
T.V. receivers	Th.Nos.	1561.8	2189.9	1955.8	2369.6
Tape recorders	Th.Nos.	1156.7	1066.1	1326.3	1299.9
Computer system and its peripherals	Rs.Lakh	87808.6	112593.1	122120.2	112692.9
Electrolytic capacitors	Mill.Nos	483.1	611.5	534.5	543.5
Ship building and repair	Rs.Lakh	67288	67112	79079	93418.6
Locomotives all types	Numbers	300	273	312	329
Broad gauge covered wagons	Numbers	2584	3376	3648	4418
Broad gauge passenger carriage	Numbers	780	890	1011	2041
Wheel and axles complete set	WAP	21920	27913	38023	38500
Auto ancillary & parts	Rs.Lakh	383672.1	524902.7	675643.5	650974.7
Chassis(assem) for HCVs (bus, truck)	Numbers	35222	43794	48439	36633.9
Commercial vehicles	Numbers	216169	296261	338138	229156
Jeep type vehicles	Numbers	29265	43271	65705	84968
Passenger cars	Numbers	261931	330627	399017	383971
Engines	Numbers	3454	3553	2702	3184
Springs	Tonnes	44812	48147	48362	49975
Auto rickshaws	Numbers	123702	159443	186225	218106
Motor cycles	Numbers	647106	810897	994308	1091924
Scooter and mopeds	Numbers	1541822	1777102	1891645	1954514
Bicycles all kinds	Th.Nos.	8907.2	9912.6	10880.9	9765.5
Medical and surgical instruments	Rs.Lakh	3246	4198	6603	7509.5
Syringes all types	Rs.Lakh	1532	1980	3584	3539.6
Process control instruments	Rs.Lakh	9418.6	10851.5	8131.9	6872.3
A.C. poly phase house service meters	Mill.Nos	0.3	0.3	0.3	0.3
A.C. single phase house service meters	Mill.Nos	2.9	2.6	2.5	2.3
Laboratory and scientific instruments	Rs.Lakh	2031	2591	2575	2885.6
Alarm time pieces	Th.Nos.	1723.4	1583.2	1479.4	1480.9
Wrist watches	Th.Nos.	7561	10990	8508	6951
Writing instruments	Rs.Thousand	1005984	1032766	1233576	1171829
Pencils (SSI)	Rs.Thousand	38595	34816	31310	39807
Electricity	Mill.KWh	350998	379449	394626	420622

Source : Central Statistical Organisation



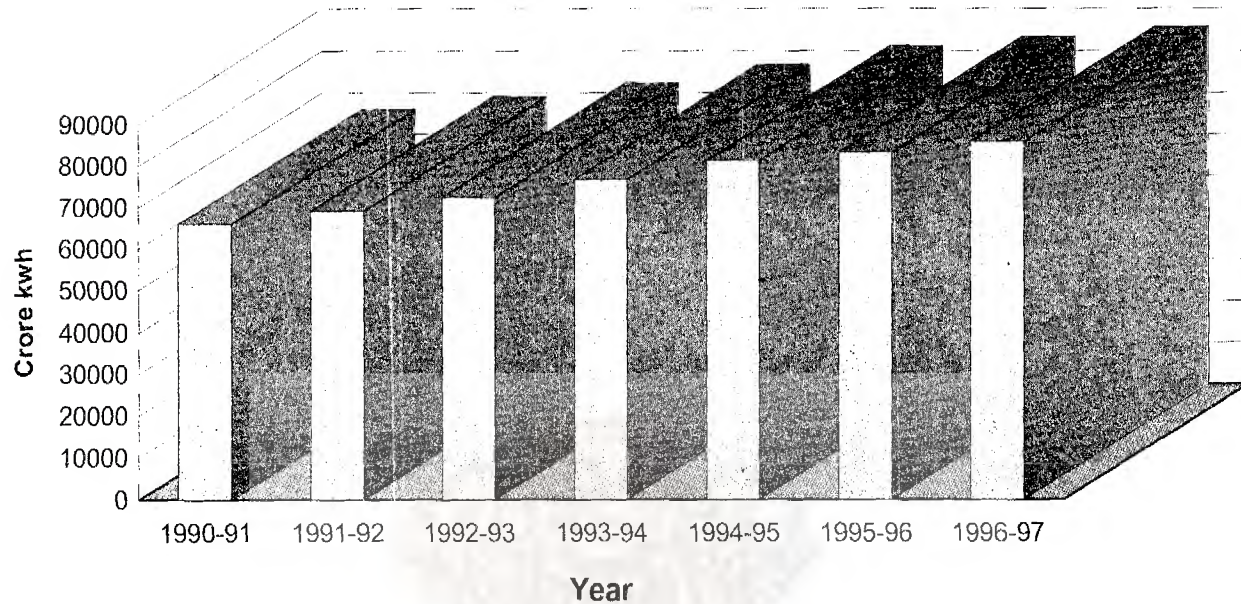
Table 9.7-INDEX NUMBERS OF INDUSTRIAL PRODUCTION

(Base: 1993-94=100)

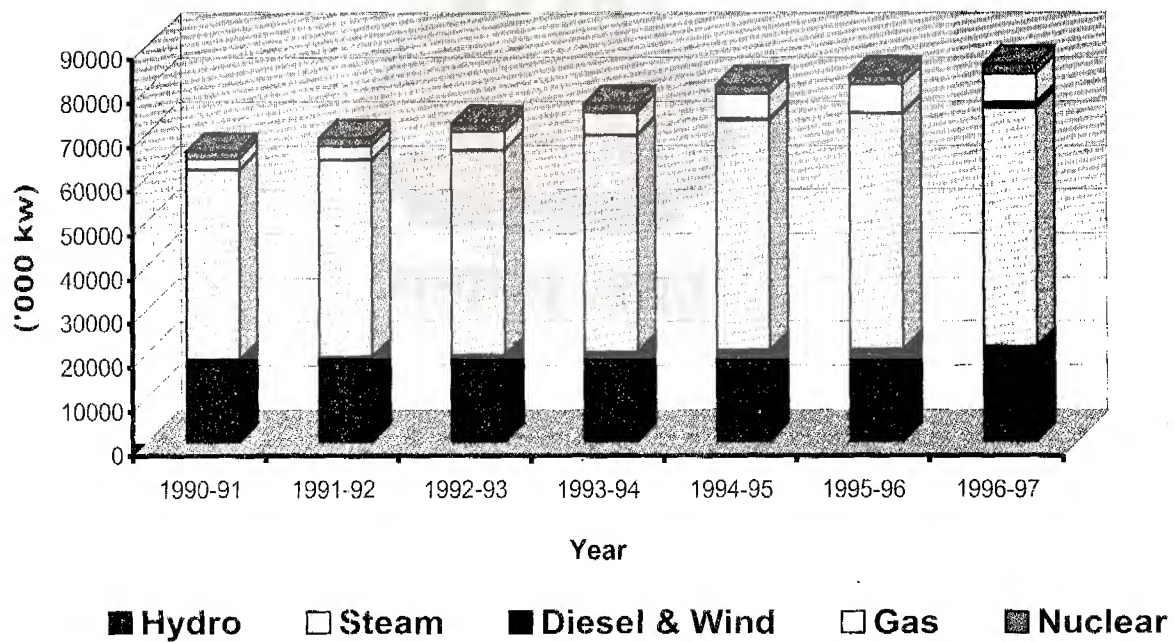
Industry Code	Items	Weight	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7
	<b>General Index</b>	1000.00	108.4	122.3	129.1	137.6
1	Mining and Quarrying	104.73	107.6	117.9	115.6	122.4
2 & 3	Manufacturing	793.58	108.5	123.5	131.8	140.6
20-21	Manufacture of food products	90.83	121.6	129.8	134.3	133.8
22	Manufacture of Beverages, Tobacco and Tobacco Products	23.82	103.0	116.7	132.4	158.1
23	Manufacture of Cotton Textiles	55.18	99.1	109.5	122.7	125.6
25	Manufacture of Jute, Hemp and Mesta Textiles	5.90	95.1	102.4	97.8	114.3
26	Manufacture of Textile Products (incl. wearing apparel other than footwear)	25.37	98.5	133.7	146.3	158.7
27	Manufacture of Wood and Wood Products, Furniture and Fixtures	27.01	99.3	123.2	131.9	128.5
28	Manufacture of Paper & Paper Products, Printing, Publishing & allied Industries	26.52	108.6	125.5	136.9	146.4
29	Manufacture of Leather and Leather and Fur Products (except repair)	11.39	86.8	99.1	108.4	110.8
30	Manufacture of Rubber, Plastic Petroleum and Coal Products	140.02	105.3	117.2	122.7	140.5
31	Manufacture of Chemicals and Chemical Products (except Products of Petroleum and Coal)	57.28	107.7	116.1	118.4	124.6
32	Manufacture of Non Metallic Mineral Products	43.97	108.0	131.7	141.8	161.4
33	Basic Metal and Alloy Industries	74.53	113.1	131.0	139.8	143.5
34	Manufacturing of Metal Products and Parts except Machinery and Transport Equipment	28.10	104.7	100.6	110.9	120.2
35	Manufacture of Machinery, Machine tools and Parts except Electrical Machinery	95.65	112.8	134.7	141.7	149.6
766	Manufacture of Electrical Machinery, Apparatus, Appliances and Supplies and Parts					
37	Manufacture of Transport Equipment and Parts	39.84	113.2	132.8	149.9	153.8
38	Other Manufacturing Industries	25.59	104.0	117.7	123.8	120.4
5	Electricity	101.69	103.5	117.3	122.0	130.0

Source: Central Statistical Organisation

## ELECTRICITY - INSTALLED CAPACITY



## ELECTRICITY- INSTALLED CAPACITY









# BANKS



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## CHAPTER 10

### Power

Figures presented in this section relate to installed plant capacity, generation, consumption in power station auxiliaries, per capita consumption and sales of electricity by public utility electric supply undertakings, whether owned by Government, local authorities, or companies. Ordinance factories and Railway power stations with the sole exception of Chola Power Station are excluded. Bombay is inter-connected with the Tata Power System and the Renukoot Power House (U.P.) is inter-connected with U.P. Grid. Data given in this section are compiled by the PDB & I Directorate of the Central Electricity Authority, Department of Power, Ministry of Energy and are published in their annual publication, "Public Electricity Supply-All India Statistics- General Review".



**Table 10.1**

This table presents statewise figures of total installed capacity, electricity generated, electricity used in power station auxiliaries and per capita consumption of electricity. The figures for installed plant capacity and electricity generated do not include data relating to non-utilities such as self generating industries and railways. Figures of electricity generated in a State do not include the power purchased from other States. Data on electricity generated by the Damodar Valley Corporation and the Central Government Projects have been shown separately.

**Table 10.2**

The statewise data on electricity sold to ultimate consumers by public electricity undertakings are presented in this table by categories of consumers viz. domestic, commercial, industrial power, public lighting, traction, agricultural, public water works sewage pumping and miscellaneous.

**Table 10.3**

In this table, data are presented for total number of towns/villages electrified along with the percentage electrified by States. The data are compiled by Rural Electrification Corporation. Agencies helping in compilations of data are State Electricity Boards and Electricity Departments of various States and Union Territories.



**Table 10.1-ELECTRICITY-INSTALLED CAPACITY, GENERATION AND CONSUMPTION  
(Utilities Only)**

(installed capacity: '000 kw)  
(generation: crore kwh)

Year/States/ Union Territories	Installed Capacity (1)						Electricity gener- ated (gross)	
	Nuclear	Steam	Gas	Diesel and Wind	Hydro	Total	Nuclear	Steam
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1990-91	1565	43004	2552	212	18753	66086	614.1	17832.2
1991-92	1785	44792	3095	199	19194	69065	552.4	19716.3
1992-93	2005	46597	3928	224	19576	72330	672.6	21112.4
1993-94	2005	49147	4883	339	20379	76753	539.8	23315.1
1994-95	2225	54154	6562	343	21659	85796	907.1	28937.9
1995-96	2225	53480	6268	335	20986	83294	798.2	27374.3
1996-97	2225	54155	6562	1197	21661	85795	907.1	28937.9
<b>1996-97</b>								
<b>States:</b>								
Andhra Pradesh	-	2703	351	54	2657	5765	-	1672.0
Arunachal Pradesh	-	-	-	16	24	40	-	-
Assam	-	330	245	21	2	597	-	55.0
Bihar	-	1814	-	-	170	1983	-	240.8
Goa	-	-	-	-	-	-	-	-
Gujarat	-	4179	627	164	487	5457	-	2349.4
Haryana	-	893	-	4	884	1780	-	359.2
Himachal Pradesh	-	-	-	-	299	299	-	-
Jammu & Kashmir	-	-	175	7	184	366	-	-
Karnataka	-	840	-	136	2410	3385	-	515.2
Kerala	-	-	-	2	1564	1566	-	-
Madhya Pradesh	-	3018	-	10	846	3873	-	1613.9
Maharashtra	-	7155	1092	6	1785	10038	-	4311.0
Manipur	-	-	-	9	3	12	-	-
Meghalaya	-	-	-	2	187	189	-	-
Mizoram	-	-	-	21	5	26	-	-
Nagaland	-	-	-	2	4	6	-	-
Orissa	-	420	-	1	1272	1693	-	202.9
Punjab	-	1710	-	-	1799	3509	-	977.8
Rajasthan	-	975	39	-	971	1985	-	636.4
Sikkim	-	-	-	3	33	36	-	-
Tamil Nadu	-	2970	130	675	1948	5723	-	1859.8
Tripura	-	-	57	5	16	77	-	-
Uttar Pradesh	-	4554	-	-	1505	6059	-	1842.3
West Bengal	-	3376	100	22	97	3595	-	1457.7
<b>Union Territories:</b>								
A. & N Islands	-	-	-	28	-	28	-	-
Chandigarh	-	-	-	2	-	2	-	-
Dadar & Nagar Haveli	-	-	-	-	-	-	-	-
Delhi	-	372	282	-	-	654	-	127.4
Daman & Diu	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	7	-	7	-	-
Pondicherry	-	-	-	-	-	-	-	-
Other than States & U.Ts.	-	-	-	-	-	-	-	-
D.V.C.	-	2427	90	-	144	2661	-	628.4
Central Govt Projects	2225	16420	3375	-	2365	24385	907.1	10088.7

**TABLE 10.1-ELECTRICITY-INSTALLED CAPACITY, GENERATION AND CONSUMPTION-Concl'd.**  
(Utilities Only)

(Crore Kwh)

Year/States/ Union Territories	Electricity generated(gross)-Concl'd.				Consumption in power station auxiliaries	Electricity generated (net col.13-14)	Consump- tion(2)	Per capita consump- tion (3) (kwh)
	Gas	Diesel and Wind	Hydro	Total				
1	10	11	12	13	14	15	16	17
<b>All India</b>								
1990-91	811.3	11.1	7164.1	26432.9	1960.3	24472.6	19035.7	252.8
1991-92	1145.0	13.4	7275.7	28702.9	2101.1	26601.8	20764.5	270.0
1992-93	1348.0	16.3	6986.9	30136.2	2206.0	27930.2	22067.4	283.1
1993-94	1472.8	31.1	7046.3	32405.0	2367.1	30037.9	23856.9	299.0
1994-95	1847.5	54.5	8271.2	35049.0	2479.5	32569.5	25963.0	320.1
1995-96	2485.8	71.4	7257.9	37987.7	2722.1	35265.6	27702.8	336.4
1996-97	2698.5	155.4	6890.1	39588.9	2880.5	36708.5	28483.8	338.5
<b>1996-97</b>								
<b>States:</b>								
Andhra Pradesh	100.2	4.0	815.1	2591.3	160.7	2102.3	2124.2	331.7
Arunachal Pradesh	-	1.8	4.0	5.8	0.5	6.1	8.7	80.8
Assam	78.2	-	-	133.2	11.6	129.6	192.1	107.6
Bihar	-	-	33.4	274.2	38.5	199.4	1065.9	145.1
Goa	-	-	-	0.0	-	-	95.7	719.1
Gujarat	262.0	11.8	84.4	2707.6	251.3	2345.3	2737.8	685.7
Haryana	-	-	403.5	762.7	52.2	678.7	871.1	508.3
Himachal Pradesh	-	-	125.2	125.2	0.4	128.3	167.4	278.5
Jammu & Kashmir	7.1	-	72.5	79.6	0.1	79.6	202.5	223.7
Karnataka	-	54.2	723.4	1292.8	67.8	1496.9	1522.4	338.3
Kerala	-	0.3	550.8	551.1	2.8	660.0	698.6	235.8
Madhya Pradesh	-	0.6	227.1	1841.6	160.8	1600.0	2332.9	368.4
Maharashtra	572.7	0.3	472.3	5356.3	369.1	4719.0	4708.2	557.0
Manipur	-	0.2	-	0.2	-	0.3	28.6	127.9
Meghalaya	-	-	48.6	48.6	0.2	54.1	29.1	134.5
Mizoram	-	1.2	0.2	1.4	-	1.4	10.7	127.8
Nagaland	-	-	0.3	0.3	-	0.3	12.9	88.0
Orissa	-	-	391.7	594.6	25.1	584.9	970.0	446.7
Punjab	-	-	867.7	1845.5	90.0	1607.3	1747.1	789.9
Rajasthan	10.5	-	391.8	1038.7	74.3	921.0	1348.2	294.9
Sikkim	-	0.1	7.2	7.2	0.3	6.1	9.1	182.4
Tamil Nadu	8.4	70.2	425.2	2363.6	163.5	2047.5	2624.5	469.4
Tripura	21.0	0.2	4.0	25.2	0.5	19.1	27.0	80.4
Uttar Pradesh	-	-	521.4	2363.7	181.2	2109.5	2654.0	194.3
West Bengal	3.0	-	28.1	1488.8	150.4	1279.8	1361.0	196.6
<b>Union Territories:</b>								
A. & N. Islands	-	9.0	-	9.0	0.3	8.1	7.1	210.2
Chandigarh	-	-	-	-	-	-	62.6	794.4
D. & N. Haveli	-	-	-	-	-	-	37.9	2298.9
Delhi	75.2	-	-	202.6	20.4	201.9	695.3	589.7
Daman & Diu	-	-	-	-	-	-	28.2	2346.7
Lakshadweep	-	1.7	-	1.7	-	1.7	1.4	234.2
Pondicherry	-	-	-	-	-	-	101.2	1034.5
D.V.C.	1.6	-	36.7	666.7	93.2	573.5	-	-
Central Govt. Projects	1558.8	-	655.5	13210.1	965.2	11689.4	-	-

(2) Relates to sales to ultimate consumers.

Source: Central Electricity Authority, Ministry of Energy

(3) Relates to utility and non-utilities.

\* Includes DVC's sales to ultimate consumers in Bihar and West Bengal areas.



**Table 10.2-ELECTRICITY SOLD TO ULTIMATE CONSUMERS**  
(Utilities only)

(crore kwh)

Year/States/ Union Territories	Total sold to ultimate consumers	Domestic	Commercial	Industrial Power at low & medium voltage	Industrial Power at high voltage
1	2	3	4	5	6
<b>All India</b>					
1990-91	19035.7	3198.2	1118.1	1745.8	6675.1
1991-92	20764.5	3585.4	1203.2	1891.7	6837.2
1992-93	22067.4	3971.7	1265.3	1947.4	7069.6
1993-94	23856.9	4334.4	1414.4	1998.6	7451.8
1994-95	25963.0	4791.6	1597.3	2111.1	7901.6
1995-96	27702.9	5173.3	1699.6	2154.9	8314.4
1996-97	28483.0	5628.8	1772.6	2238.8	8458.6
<b>1996-97</b>					
<b>States:</b>					
Andhra Pradesh	2124.2	392.2	80.5	132.2	540.1
Arunachal Pradesh (E)	8.6	4.8	0.6	0.6	-
Assam	192.1	46.5	16.1	21.4	62.4
Bihar (1)	1065.9	87.7	35.3	27.4	695.2
Goa	95.7	24.6	6.9	3.7	54.7
Gujarat	2737.8	321.6	109.6	372.4	826.8
Haryana	871.0	179.4	28.8	56.0	138.7
Himachal Pradesh	167.4	43.4	12.1	81.9	(A)
Jammu & Kashmir (E)	202.5	45.7	28.0	36.5	(A)
Karnataka	1522.4	290.7	42.9	98.4	356.8
Kerala	699.0	343.4	66.8	49.7	175.4
Madhya Pradesh	2332.9	389.2	69.2	84.7	728.1
Maharashtra	4708.2	832.3	313.6	264.4	1550.5
Manipur	28.6	13.1	1.9	3.2	2.4
Meghalaya	29.1	9.3	4.3	2.5	3.6
Mizoram	10.7	8.1	0.8	0.8	-
Nagaland (F)	12.9	7.0	1.1	0.9	1.3
Orissa (F)	970.0	265.8	46.2	95.8	390.2
Punjab	1747.1	308.2	63.4	158.2(B)	517.0
Rajasthan (E)	1348.2	200.3	70.0	132.0	388.6
Sikkim (E)	9.1	4.9	1.3	1.2	-
Tamil Nadu	2624.5	419.7	179.0	263.0	886.7
Tripura	27.0	6.5	3.2	5.5	-
Uttar Pradesh	2654.0	660.2	190.8	160.2	481.8
West Bengal (1)	1361.0	376.9	186.5	88.2	458.1
<b>Union Territory:</b>					
A & N Islands	7.1	2.9	1.9	0.6	-
Chandigarh	62.6	19.7	14.4	7.9	12.0
Dadar & Nagar Haveli	37.9	0.9	0.4	1.4	35.0
Daman & Diu	28.2	0.8	0.4	1.2	25.6
Delhi (E)	695.3	310.1	193.3	82.7	59.6
Lakshadweep	1.4	1.0	0.3	-	-
Pondicherry (F)	101.2	11.8	3.4	4.9	67.9

(1) Includes Damodar Valley Corporation's sales to ultimate consumers in Bihar and West Bengal areas.

A Included in Industrial (low and medium voltage)

@ Includes 24.5 crore kwh sold to tea gardens.

B Includes 145.00 Gwh sales to Nangal Fertilizers by Bhakra Beas Management Board(HV) category.

E Estimated due to non-receipt of data from State Electricity Board/Electricity Departments.

F Information obtained from Annual Plan Papers submitted to the Planning Commission by the State Electricity Board/Electricity Department.

Note: Totals may not tally due to rounding off of figures.

**Table 10.2-ELECTRICITY SOLD TO ULTIMATE CONSUMERS-Concl'd.**  
(Utilities only)

(crore kwh)

Year/States/ Union Territories	Public lighting	Traction	Agriculture	Public water works & sewage pumping	Miscella- neous
1	7	8	9	10	11
<b>All India</b>					
1990-91	164.8	411.2	5032.1	364.3	326.1
1991-92	176.6	451.9	5855.7	444.9	317.9
1992-93	190.1	506.8	6332.8	437.7	346.1
1993-94	193.9	562.0	7069.9	483.8	348.1
1994-95	241.9	664.6	8430.9	503.7	468.0
1995-96	223.3	622.3	8573.2	527.8	415.0
1996-97	242.0	664.6	8433.1	572.4	472.2
<b>1996-97</b>					
<b>States:</b>					
Andhra Pradesh	21.7	68.7	821.0	\$	67.8
Arunachal Pradesh	0.7	-	-	0.1	1.8
Assam	1.1	-	4.6	3.5	36.5
Bihar (1)	4.0	63.9	133.1	156.8	3.7
Goa	1.2	-	1.0	3.1	0.5
Gujarat	12.4	34.4	1008.7	39.9	8.3
Haryana	3.6	-	408.9	19.8	35.7
Himachal Pradesh	0.6	-	1.1	14.9	13.3
Jammu & Kashmir	3.9	-	34.8	29.7	23.9
Karnataka	15.9	2.8	695.7	16.7	2.2
Kerala	11.0	-	32.9	16.1	3.2
Madhya Pradesh	13.3	115.6	887.6	43.3	1.8
Maharashtra	45.5	145.3	1413.7	122.0	20.8
Manipur	1.0	-	0.7	1.1	5.2
Meghalaya	0.3	-	0.1	2.2	6.7
Mizoram	0.8	-	-	0.5	0.4
Nagaland	0.3	-	0.1	0.2	2.1
Orissa	4.1	23.5	72.2	23.2	49.0
Punjab	4.4	-	634.8	15.8	45.2
Rajasthan	7.4	18.3	445.4	53.7	32.5
Sikkim	1.7	-	-	-	-
Tamil Nadu	22.2	35.6	693.6	35.8	88.8
Tripura	1.3	-	4.3	4.6	1.6
Uttar Pradesh	34.2	84.6	984.6	57.6	-
West Bengal (1)	10.8	65.4	137.2	28.5	9.3
<b>Union Territories</b>					
A. & N Islands	0.6	-	-	0.1	1.0
Chandigarh	1.5	-	0.4	\$	6.6
Dadar & Nagar Haveli	-	-	-	-	0.1
Daman & Diu	0.2	-	0.1	-	-
Delhi	15.1	6.5	5.1	23.0	-
Lakshadweep	0.1	-	-	-	-
Pondicherry	0.9	-	9.2	1.0	-

Source: Central Electricity Authority, Ministry of Energy

£ It does not include energy supplied by Punjab State Electricity Board to Public Water Work's consumers which has been included in agricultural category.

For other footnotes please see pre-page.

Table 10.3- NUMBER OF TOWNS AND VILLAGES ELECTRIFIED IN INDIA AS PER 1981 CENSUS

(as on 31-3-1995)

States/ Union Territories	Towns			Villages		
	Total	Electrified	Percentage	Total	Electrified	Percentage
1	2	3	4	5	6	7
<b>All India</b>	4029	4029	100.0	579132	505674	87.3
<b>States:</b>						
Andhra Pradesh	252	252	100.0	27379	27358\$	100.0
Arunachal Pradesh	6	6	100.0	3257	2381	73.1
Assam #	80	80	100.0	21995	22017	100.0
Bihar	220	220	100.0	67546	47832	70.8
Goa	17*	17*	100.0	386	377	100.0
Gujarat	255	255	100.0	18114	17892\$	100.0
Haryana	81	81	100.0	6745	6745	100.0
Himachal Pradesh	47	47	100.0	16807	16761\$	100.0
Jammu & Kashmir	58	58	100.0	6477	6301	97.3
Karnataka	281	281	100.0	27028	26483	100.0
Kerala	106	106	100.0	1219	1219	100.0
Madhya Pradesh	327	327	100.0	71352	68141	95.5
Maharashtra	307	307	100.0	39354	39106\$	100.0
Manipur	32	32	100.0	2035	2156	100.0
Meghalaya	12	12	100.0	4902	2467	50.3
Mizoram	6	6	100.0	721	736	100.0
Nagaland	7	7	100.0	1112	1099	98.8
Orissa	108	108	100.0	46553	34608	74.3
Punjab	134	134	100.0	12342	12342	100.0
Rajasthan	201	201	100.0	34968	31274	89.4
Sikkim	8	8	100.0	440	405\$	100.0
Tamil Nadu	434	434	100.0	15831	15822\$	100.0
Tripura	10	10	100.0	4727#	3700	78.2
Uttar Pradesh	704	704	100.0	112566	88061	78.2
West Bengal	291	291	100.0	38024	29271	77.0
<b>Union Territories:</b>						
A & N Islands	1	1	100.0	491	491	100.0
Chandigarh	4	4	100.0	24	24	100.0
D & N. Haveli	1	1	100.0	70	67\$	100.0
Daman & Diu	**	..	..	26	26	100.0
Delhi	30	30	100.0	214	214	100.0
Lakshadweep	3	3	100.0	7	7	100.0
Pondicherry	6	6	100.0	291	291	100.0

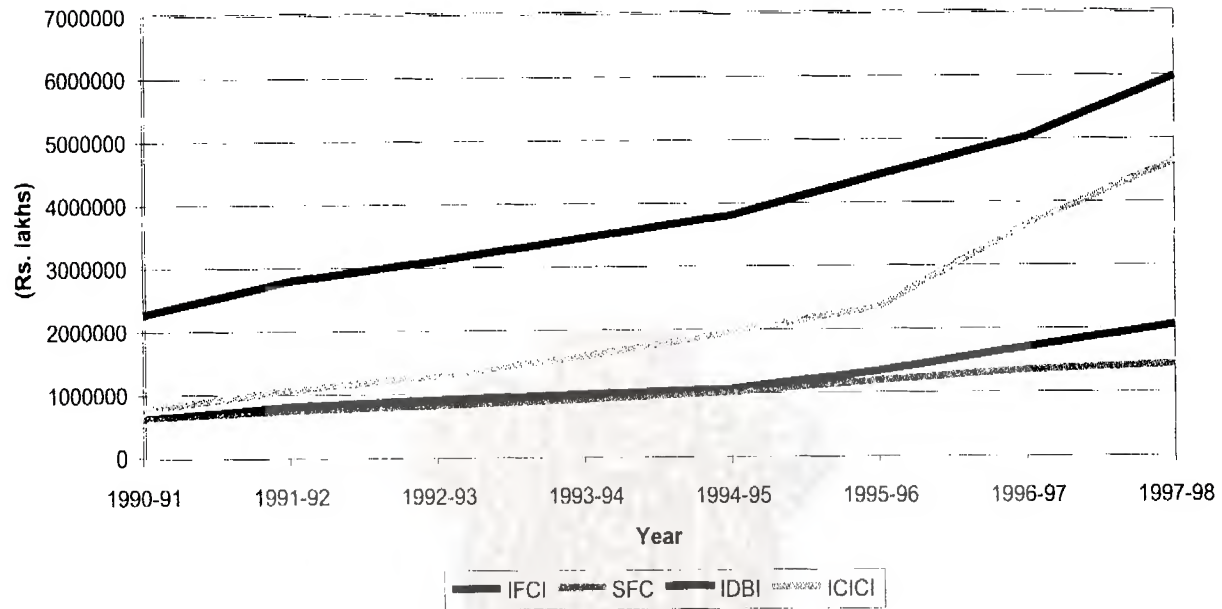
Source: Central Electricity Authority, Ministry of Energy

# As per 1981 census

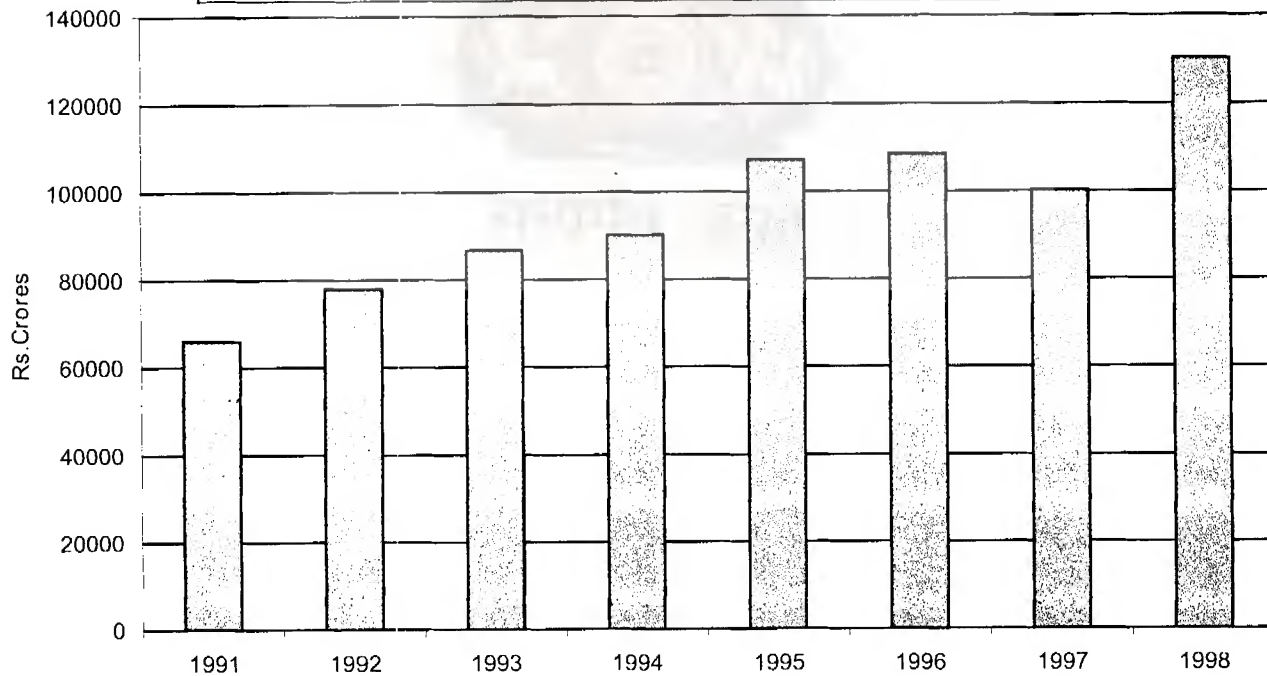
\* Separate figures for Daman &amp; Diu are not available.

\$ Balance villages non-feasible.

### LIABILITIES & ASSETS OF DIFFERENT CLASSES OF BANKS



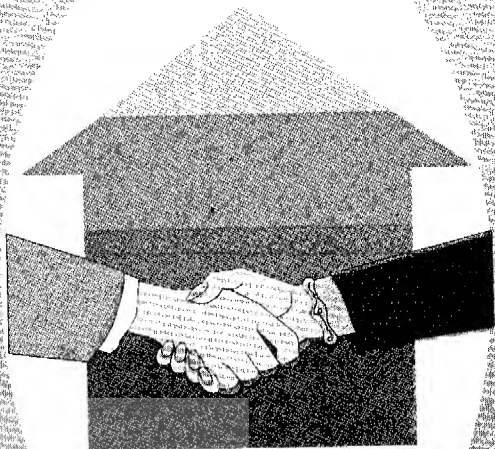
### LIABILITIES AND ASSETS OF RBI











# CO-OPERATIVE SOCIETIES



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## CHAPTER 11

### Banks

The tables in this section present a consolidated picture of progress of banking in India, showing liabilities and assets of various categories of banks as classified below:

- (i) Reserve Bank of India.
- (ii) Scheduled Commercial Banks -
  - (a) State Bank of India.
  - (b) Other Indian Banks.
  - (c) Foreign Banks.
- (iii) Non-Scheduled Indian Commercial Banks.
- (iv) Indian Co-operative Banks.

Besides the above information, tables showing (i) the total number and amount of cheques cleared, (ii) percentage of cash balances to deposit, (iii) liabilities of several classes of banks eg. liabilities and assets of Industrial Finance Corporation of India, State Financial Corporation, Industrial Development Bank of India and Industrial Credit and Investment Corporation of India, have also been included.

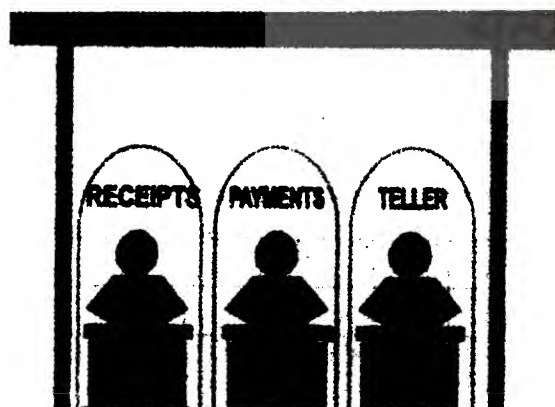
**Table 11.1**

The table provides data on liabilities and assets relating to the Banking Department of the Reserve Bank of India.

**Table 11.2**

This table provides data on liabilities and assets of various classes of banks, which are described below :

**A. Scheduled Commercial Banks:** The banks, which carry on business of banking in India and



which are included in the second schedule to the Reserve Bank of India Act, 1934 are known as Scheduled Banks. These include the State Bank of India, other Indian Banks and Foreign Banks.

- (i) **State Bank of India:** The State Bank of India was formed in July, 1955 after the nationalisation of the Imperial Bank of India. Figures in this table relate to the business of the Bank in India and abroad.
- (ii) **Other Indian Banks:** Indian banks are those who have their registered offices in India. These include data for Private Sector Banks, Associates of State Bank of India, 20 nationalised and Regional Rural Banks. The figures relate to the business both in India and abroad.
- (iii) **Foreign Banks:** Foreign banks are those who have their registered offices outside India. The data relate to their business in the Indian Union.

**B. Non-Scheduled Indian Commercial Banks:**

The banks which are not included in the second schedule to the Reserve Bank of India Act, 1934 are known as Non-Scheduled Banks.

**Table 11.3**

The table shows the number and amount of

cheques cleared at each principal clearing centres managed by the Reserve Bank of India and other centres comprising clearing houses managed by agencies other than Reserve bank of India eg. State Bank of India, subsidiaries of the State Bank and Sangli Bank. The management of the clearing houses at Bangalore, New Delhi, Nagpur, Patna, Hyderabad, Trivandrum, Jaipur and Gauhati was taken over by the Reserve Bank of India in October 1953, August 1956, March 1957, January 1969, May 1969, January 1983, November 1984 and January 1986 respectively.

**Table 11.4**

This table gives data on cash deposit ratio which represents percentage of cash in hand and balances with banks to total deposits of different classes of banks.

**Tables 11.5 to 11.8**

Data provided in these tables relate to the working of the Industrial Finance Corporation of India, the State Financial Corporations, the Industrial Development Bank of India and the Industrial Credit and Investment Corporation of India respectively and furnish data on the liabilities and the assets of the same.



**Table 11.1- LIABILITIES AND ASSETS OF THE RESERVE BANK OF INDIA**  
(as on 30th June)

(Rs. crores)								
Heads	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
<b>Liabilities:</b>								
Paid-up capital and reserves (1)	6505	6505	6505	6505	6505	6505	6505	6505
<b>Deposits:</b>								
Central Government	106	47	53	54	51	52	50	50
State Governments	16	39	92	61	16	18	5	14
Banks	31595	43896	46211	53294	65541	60861	56771	65490
Others (2)	5869	7690	12739	11564	13210	9642	11887	12778
Total deposits	37586	51672	59095	64973	78818	70573	68713	78332
Bills payable	185	126	18	322	422	1014	746	1038
Other Liabilities	21702	19708	21119	18331	21519	30450	24352	44359
<b>Total liabilities or assets</b>	<b>65978</b>	<b>78012</b>	<b>86736</b>	<b>90130</b>	<b>107264</b>	<b>108541</b>	<b>100316</b>	<b>130284</b>
<b>Assets:</b>								
Cash	12	14	6	14	14	24	7	21
Bills purchased and discounted	399	1828	2460	2474	1651	354	-	-
Balance held abroad (3)	2088	14690	16600	39302	44983	44403	37247	36241
Loans and advances to								
Governments (4)	17	171	74	72		89	153	11859
Scheduled commercial Banks	6104	7472	3110	5138	10009	3499	27	237
State Co op. Banks	19	13	8	-	7	23	4122	4257
Others	8488	10737	9243	9247	10985	10217	322	850
Total loans and advances	14628	18393	12435	14457	21001	13828	4624	17203
Investment (5)	46337	38739	50506	27967	32622	40595	49543	64616
Other Assets	2513	4348	4728	5914	6992	9334	9212	12242

Source: Reserve Bank of India

- (1) The increase represents mainly the profit on revaluation of Bank's gold stocks.
- (2) From 1983 onwards National Agricultural Credit (Long-term operations) Fund and National Agricultural Credit (Stabilisation) Fund have been renamed as National Rural Credit (Long Term Operations) Fund and National Rural Credit (Stabilisation) Fund and are included in "Deposits-others".
- (3) Includes cash, short-term securities and fixed deposits.
- (4) Include loans and advances to State Governments from National Agricultural Credit (Long-term operations) Fund.
- (5) Include investments in Centre & Mortgage Bank Debentures.

**Table 11.2 LIABILITIES AND ASSETS OF DIFFERENT CLASSES OF BANKS**  
**A-Scheduled commercial Banks as on 31st March**  
**(i) State Bank of India**

(Rs. Crores)

Year	Capital and Reserves			Deposits (1)	Cash in hand and in banks	Invest- ments	Loans & advances (including bills discounted & purchased) (2)
	Paid-up capital	Reserve	Total				
1	2	3	4	5	6	7	8
1990-91	200	1090	1290	49936	11698	17428	40438
1991-92	200	1262	1462	60192	10574	23468	44344
1992-93	200	1459	1659	66317	10338	28316	47695
1993-94	474	3638	4112	76406	14213	37423	41498
1994-95	474	4256	4730	85122	15181	41674	48530
1995-96	474	4989	5463	96395	439	43819	59826
1996-97	526	7451	7977	110701	493	46828	62233

**(ii) Indian Banks(excl.State Bank) having paid up capital & reserves Rs.50 lakhs and over.**

Year	No. of report- ing banks (3)	Capital and Reserves			Deposits (1)	Cash in hand and in banks	Invest- ments	Loans & advances (including bills discounted & purchased)(2)
		Paid-up capital	Reserves	Total				
1	2	3	4	5	6	7	8	9
1990-91	244	3055	2115	5170	170309	28013	57187	96134
1991-92	244	3769	2924	6693	191688	35762	66481	109124
1992-93	244	4507	4105	8612	219269	41608	76698	118621
1993-94	246	10043	5675	15718	256013	44476	102977	120217
1994-95	246	15047	8170	23218	303295	57553	120196	150710
1995-96	253	15286	11353	26639	344623	30519	134018	176590
1996-97	250	15336	14740	30075	405769	37691	165672	193790

(1) Excludes provident fund deposits, staff security deposits and chit &amp; kuri deposits.

(2) Excludes money at call and short notice.

(3) The progressive reduction in the number of Indian Commercial banks, specially of non-scheduled banks in the last many years, has been primarily due to banks merger and amalgamation etc.

**(iii) Foreign Banks**

(Rs. Crores)

Year	No. of banks	Deposits in India	Cash		Invest- ments purchased	Bills dis- counted & advances	Loans and
			in hand	in banks			
1	2	3	4	5	6	7	8
1990-91	23	11729	2432	4085	4372	2144	5245
1991-92	23	16898	2843	2422	7962	2423	9196
1992-93	23	20875	3654	1670	11332	2235	10433
1993-94	23	25897	2859	884	13955	2205	11482
1994-95	27	28034	4889	1009	12079	1980	15373
1995-96	30	30612	6686	5990	11186		22496
1996-97	33	37285	9378	7061	14129		26528

**Table 11.2 -LIABILITIES AND ASSETS OF DIFFERENT CLASSES OF BANKS-Concl'd.**  
**B-Non-Scheduled Indian Commercial Banks as on 31st March**

(Rs.Crores)

Year	Number of reporting banks	Capital and Reserves			Deposits	Cash in hand and in banks	Investments	Bank Credit
		Paid-up capital	Reserves	Total				
1	2	3	4	5	6	7	8	9
1990-91	3	13	100	113	7484	916	1912	4890
1991-92	3	15	118	133	8578	1470	2085	5682
1992-93	3	15	154	169	9139	1258	2198	6269
1993-94	3	21	139	160	9233	539	2435	6224
1994-95	2	18	79	97	6630	85	1774	4670
1995-96	1	2	51	53	179	33	108	74
1996-97	1	2	53	55	178	33	125	78

**C-Indian Co-operative Banks as on 30th June.**

(Rs.lakhs)

Co-operative year	Number of banks	Capital and Reserves			Deposits	Cash balances	Loans outstanding
		Paid-up capital	Reserves	Total			
1	2	3	4	5	6	7	8
<b>State Co-operative Banks</b>							
1990-91	28	22065	86465	108530	668528	106805	781259
1991-92	28	19973	90499	110472	636722	59452	771241
1992-93	28	25426	124131	149557	848478	102513	1035178
1993-94	28	27396	141652	169048	1097680	181150	1008786
1994-95	28	35375	183412	218787	1126057	124892	1382722
1995-96	28	39633	171382	211015	1330843	-	1473951
<b>Central Co-operative Banks</b>							
1990-91	353	98473	109641	208114	1120250	365254	1207689
1991-92	350	105832	120773	226605	1245913	398012	1388346
1992-93	350	120074	132687	252761	1466770	493985	1595185
1993-94	361	128737	157231	285968	1760033	687083	1687640
1994-95	363	143726	185057	328783	2030741	775655	2035388
1995-96(P)	366	157219	191241	348460	2280706	-	2003141

Sources: 1. Reserve Bank of India  
 2. National Bank for Agriculture & Rural Development

**Table 11.3- CHEQUE CLEARANCES-BY CENTRES**  
(As on 31st March)

(Rs. crores)

Centres	1990-91		1991-92		1992-93		1993-94	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7	8	9
Ahmedabad	365	42089	496	57000	588	60746	582	78314
Bangalore	224	29267	231	36452	256	47513	275	62085
Bhubaneshwar	7	2408	10	3580	12	4961	12	4529
Calcutta	328	104051	396	128250	1535	2350535	453	157629
Chennai	357	176123	399	196638	455	138723	464	224718
Hyderabad	203	25183	197	36852	232	45608	217	54591
Kanpur	50	9614	59	10974	69	11912	62	14251
Mumbai	1253	1182587	1461	2022122	448	209346	16722	146405
Nagpur	53	7712	60	8713	68	9635	61	10746
New Delhi	552	239979	655	395748	752	328238	748	410704
Patna	19	4559	28	5232	37	5911	34	6188
Other Centres	4230	463781	4691	502694	3227	488880	3029	698705
Total	7641	2287353	8683	3404255	7679	3702008	7609	3868865

(Rs. crores)

Centres	1994-95		1995-96		1996-97P		1997-98P	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	10	11	12	13	14	15	16	17
Ahmedabad	569	97943	357	122119	369	145626	391	178030
Bangalore	260	75614	212	69467	292	108236	304	127054
Bhubaneshwar	15	5456	12	5983	13	7815	12	9300
Calcutta	503	200710	435	204398	312	137981	507	251088
Chennai	413	219313	439	250926	560	315052	556	342050
Hyderabad	113	27311	279	84242	265	94352	267	95904
Kanpur	71	15924	62	17539	64	18642	62	20927
Mumbai	1783	2255693	1609	2375141	1739	3070602	1794	3806421
Nagpur	68	13220	61	15028	76	19840	80	22683
New Delhi	856	561044	779	616334	850	597170	884	649204
Patna	31	6042	32	7185	36	10733	39	11594
Other Centres	2688	622809	3313	856278	3257	897426	3683	1083895
Total	7370	4101079	7590	4624640	7833	5423475	8579	6598150

Source: Reserve Bank of India



**Table 11.4 -CASH DEPOSIT RATIO BY CLASS OF BANKS**  
(As on 31st March)

Year	Scheduled Banks		Other Scheduled Banks	Non Scheduled Banks
	State Bank of India	Foreign banks		
1	2	3	4	5
1990-91	21.5	20.7	14.4	7.9
1991-92	13.9	16.8	12.6	6.3
1992-93	12.4	17.5	12.5	2.9
1993-94	17.7	11.0	13.9	1.7
1994-95	15.9	18.1	14.8	0.3
1995-96	14.6	14.9	14.7	18.4
1996-97	11.6	9.6	11.6	18.5

Source: Reserve Bank of India

(1) Figures in respect of Co-operative Banks are as on 30th June. Deposits exclude call deposits.

**Table 11.5 -LIABILITIES AND ASSETS OF INDUSTRIAL FINANCE CORPORATION OF INDIA**  
(As on last Friday of March)

(Rs.lakhs)

Year	Liabilities					Total lia- bilities or assets	Assets		
	Paid-up capital	Reserves (1)	Bonds & deben- tures	Borrow- ings	other liabil- ities(2)		Cash in hand & balances with banks	Loans and advances	Other assets
1	2	3	4	5	6	7	8	9	10
1990-91	13500	38945	310523	241421	44715	649104	6637	536221	106246
1991-92	14250	46132	364858	364746	56257	846243	26848	678783	140612
1992-93	20250	57407	410873	417511	40461	946502	29896	833994	82612
1993-94	33907	99844	445785	393788	52171	1025495	58436	841204	125855
1994-95	35160	104318	453141	431659	69944	1094222	30763	890715	172744
1995-96	35259	128253	600065	523690	84962	1372229	29584	1085339	257306
1996-97	35281	135086	968484	491450	118886	1749187	74622	1339965	334600
1997-98	45293	124395	1283138	514023	130053	2096902	47338	1642334	407230

Source: Industrial Finance Corporation of India Limited.

(1) Represents special and other reserve funds and specific grant from Govt. of India in terms of agreement with Kreditanstalt für Wiederaufbau (KfW), a German Bank.

(2) Includes provisions for taxation.

**Table 11.6 -LIABILITIES AND ASSETS OF STATE FINANCIAL CORPORATIONS  
(As on 31st March)**

(Rs. lakhs)

Year/States/ Union Territories	Liabilities				liabil- Total ities or assets	Assets			
	No. of Corpor- ations	Capital and reserves	Bonds & deben- tures	Other liabil- ities (3)		Cash in hand & balanc- es with banks	Invest- ments (1)	Loans and advan- ces	Other assets (2)
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1990-91	18	99358	220527	332971	652856	30282	954	596095	25525
1991-92	18	128164	256828	374190	759182	34384	1219	690925	32654
1992-93	18	140274	291826	407962	840062	36358	924	754090	48690
1993-94	18	159049	367800	395734	922583	35145	2535	805061	79842
1994-95	18	183192	369390	482139	1034721	44398	5381	861019	123923
1995-96	18	197990	404154	601901	1204045	56358	11064	970976	165647
1996-97	18	211274	470116	689558	1370948	86206	12500	1071314	200928
1997-98	18	257991	525016	674690	1457696	80590	17389	1135345	224372
<b>1997-98</b>									
<b>States:</b>									
Andhra Pradesh (P)	1	11774	43328	23947	79049	5124	20	66186	7719
Assam (P)	1	4882	5466	2438	12786	328	-	6721	5737
Bihar	1	31180	14227	25576	70983	1393	9	31552	38029
Gujarat	1	19380	57690	56536	133606	17501	1356	109522	5227
Haryana (P)	1	7480	20663	40437	68580	3409	1025	59762	4384
Himachal Pradesh	1	3292	8002	7618	18912	284	7	13893	4728
Jammu & Kashmir	1	9450	8961	7738	26149	748	-	17893	7508
Karnataka	1	21876	70895	129349	222120	10627	8098	194836	8559
Kerala	1	10357	25747	28238	64341	2487	10	58813	3031
Madhya Pradesh (P)	1	16882	22955	12325	52162	1996	375	34285	15506
Maharashtra (P)	1	12855	36736	72834	122425	6204	556	108496	7169
Orissa	1	8899	31601	34452	74952	4421	5	48708	21818
Punjab (P)	1	12870	21140	22143	56153	1602	1	45444	9106
Rajasthan	1	21283	24652	46431	92366	5888	6	68848	17624
Tamil Nadu	1	10569	37547	87854	135970	5251	3470	100790	26459
Uttar Pradesh	1	34989	77753	60643	173385	10600	2413	128723	31649
West Bengal	1	15000	16306	11739	43045	1619	37	32971	8418
<b>Union Territories:</b>									
Delhi	1	4973	1347	4392	10712	1108	1	7902	1701

Source: Industrial Development Bank of India

- (1) Investments from the year 1990-91 include investments in government securities, shares and debentures.  
 (2) Other assets include fixed assets, provision for taxation etc.  
 (3) Other liabilities include fixed deposits, borrowings from Reserve Bank and refinance from IDBI.

## Notes:

1. Totals as taken from the annual report received.  
 2. The jurisdiction of the following SFCs have been extended to the States/Union Territories mentioned here against their names.

Assam : Manipur &amp; Tripura.

Maharashtra : Goa, Daman &amp; Diu

Gujarat : Dadra &amp; Nagar Haveli

**Table 11.7 - INDUSTRIAL DEVELOPMENT BANK OF INDIA - LIABILITIES AND ASSETS**  
(As on 31st March)

(Rs. crores)

Year	Liabilities					Total Liabil- ities or Assets	Assets			
	Paid-up capital	Reserves and and reserve funds(1)	Bonds & debent- ures	Borro- wings (4)	Other liabil- ities		Cash in hand & balances with Banks	Invest- ments (2)	Loans and advances	Other Assets (3)
1	2	3	4	5	6	7	8	9	10	11
1990-91	703.0	1380.1	11308.0	7760.0	1617.0	22768.4	111.4	2294.7	15930.0	4544.0
1991-92	753.0	1754.0	14251.5	7293.1	3989.7	28041.3	536.8	2433.3	18618.3	6452.9
1992-93	753.0	2118.9	15498.7	10555.8	2156.7	31084.0	668.8	2542.4	21128.0	7414.0
1993-94	753.0	2601.1	15670.7	12148.5	3415.0	34588.3	667.7	3326.1	23509.3	7753.0
1994-95	753.0	3242.0	18396.0	12423.0	3348.0	38162.0	-	4244.0	26147.0	7771.0
1995-96	819.0	5686.0	20626.0	13087.0	4154.0	44372.0	-	4709.0	30005.0	9658.0
1996-97	659.0	6554.0	23803.0	14059.0	5255.0	50329.0	-	4946.0	35444.0	9939.0
1997-98	659.5	7679.4	28914.2	16605.8	6098.4	59957.3	-	5823.4	42570.1	11563.8

Source: Industrial Development Bank of India

- (1) Inclusive of unappropriated profit.  
 (2) Include Govt. Securities, Shares & Shares and Bonds & Debentures.  
 (3) Include Bills of Exchange, Promissory notes discounted/re-discounted, Guarantees & underwriting and other assets, and from 1994-95 also includes cash in hand and balance with banks.  
 (4) Borrowings consist of RBI, GOI (including IBRD/IDA lines of credit) and other source (including deposits from Companies and CDs) Includes special credit to Bangladesh Overseas Credit and Overseas Investment Finance.

**Table 11.8- THE INDUSTRIAL CREDIT AND INVESTMENT CORPORATION OF INDIA**  
- LIABILITIES AND ASSETS  
(As on 31st March)

(Rs. crores)

Year	Liabilities					Total Liabi- lities or Assets	Conti- gent Liabi- lities (2)	Assets				Other Assets
	Paid up Capital	Reserves (1)	Borrow- ings	Other liabi- lities	Cash in hand and Bank balance			Invest- ments (3)	Loans & Advances			
									Rupee loans	Foreign Currency		
1	2	3	4	5	6	7	8	9	10	11	12	
1990-91	114.6	572.0	6706.8	328.4	7721.8	412.4	166.3	473.9	4527.4	1603.0	951.2	
1991-92	170.8	825.3	9443.1	381.9	10821.1	669.3	350.4	578.3	5442.3	2320.8	2129.3	
1992-93	241.1	1153.4	11148.2	569.9	13112.6	717.8	262.9	750.9	6951.3	2635.6	2511.9	
1993-94	247.1	1600.6	13618.5	648.6	16114.8	1161.2	694.4	1339.4	8539.0	2576.5	2965.5	
1994-95	301.3	2299.6	16228.8	914.3	19744.0	1248.2	675.8	2473.6	10490.6	3005.3	3098.7	
1995-96	376.3	2709.0	19594.9	1145.8	23826.0	1847.2	1249.3	3779.8	10903.8	4316.2	3576.9	
1996-97	550.5	4906.8	29393.9	1774.5	36625.7	3009.3	2028.7	5522.9	15372.5	7905.8	5795.8	
1997-98	1113.3	5478.7	37448.5	2501.5	46542.0	5117.4	2758.6	7330.0	20138.2	9205.4	7109.8	

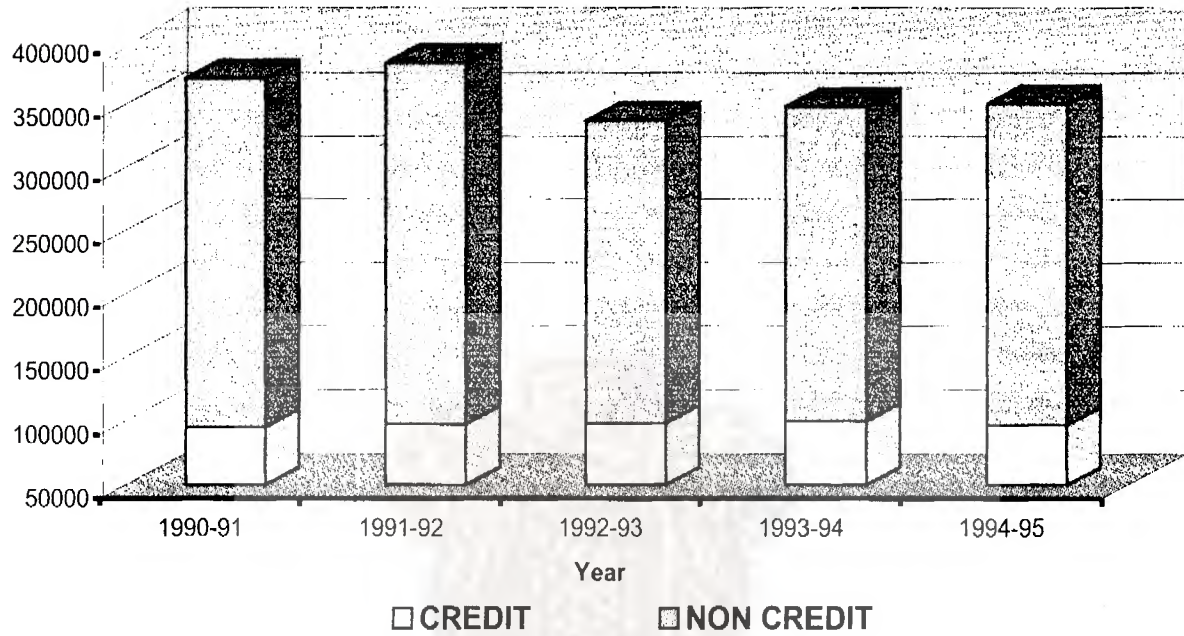
Source: Industrial Credit and Investment Corporation of India Ltd.

- (1) Includes Reserve Fund, reserve for doubtful debts and provision for taxation.  
 (2) On account of guarantees, capital issues under written and outstanding letters of credit.  
 (3) In Govt. securities, bonds and debentures, shares and stocks and Unit Trust of India etc.

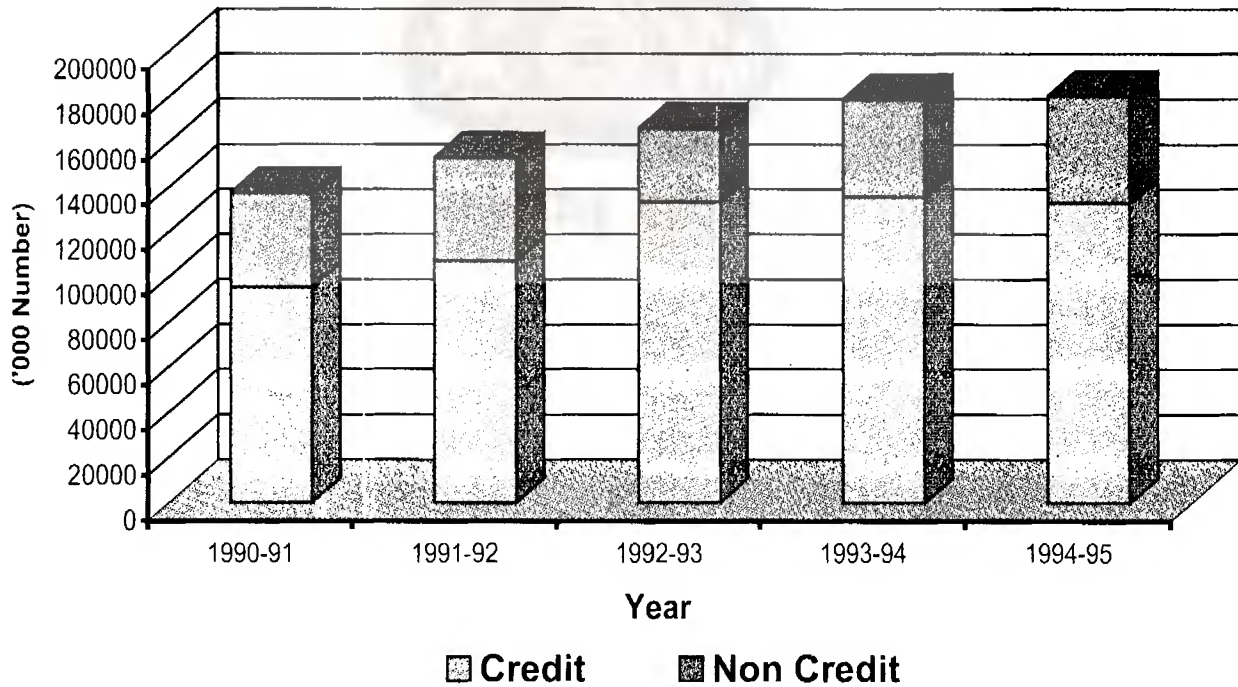
Notes: Totals may not tally due to rounding off of figures.



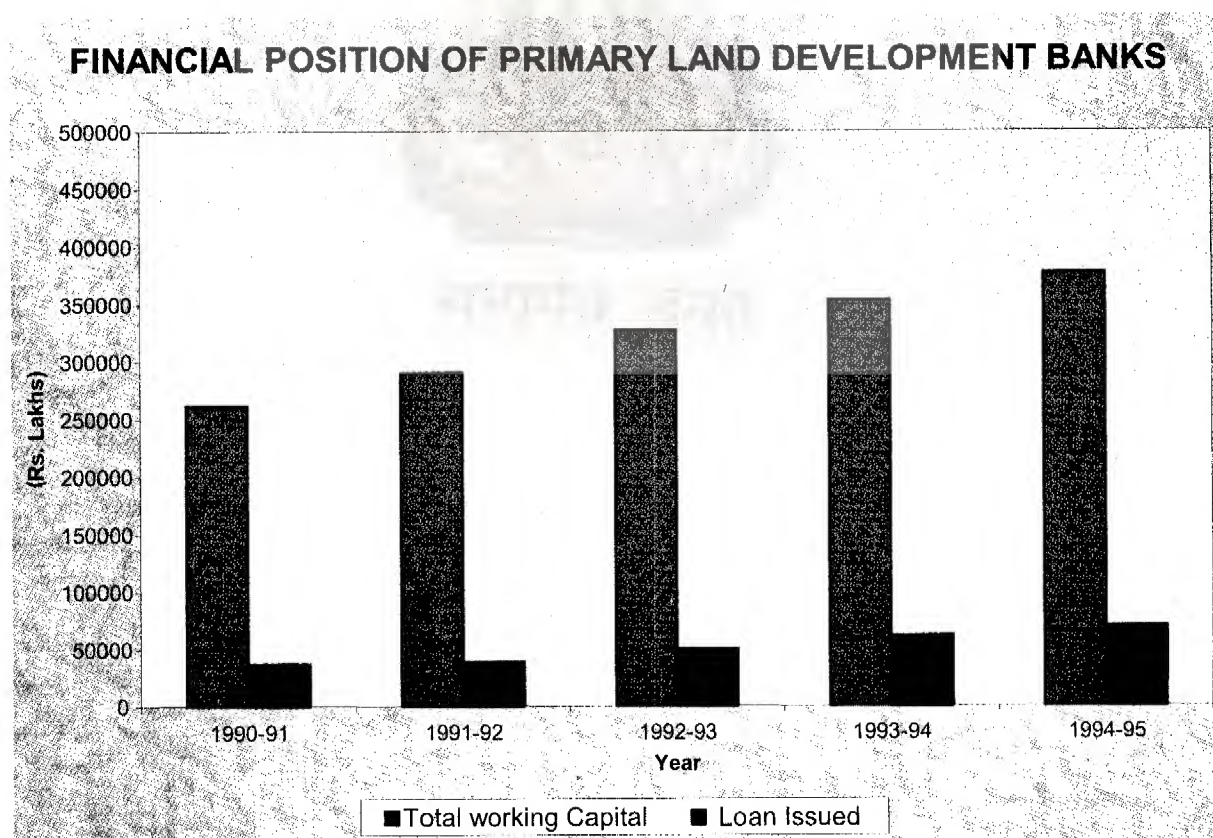
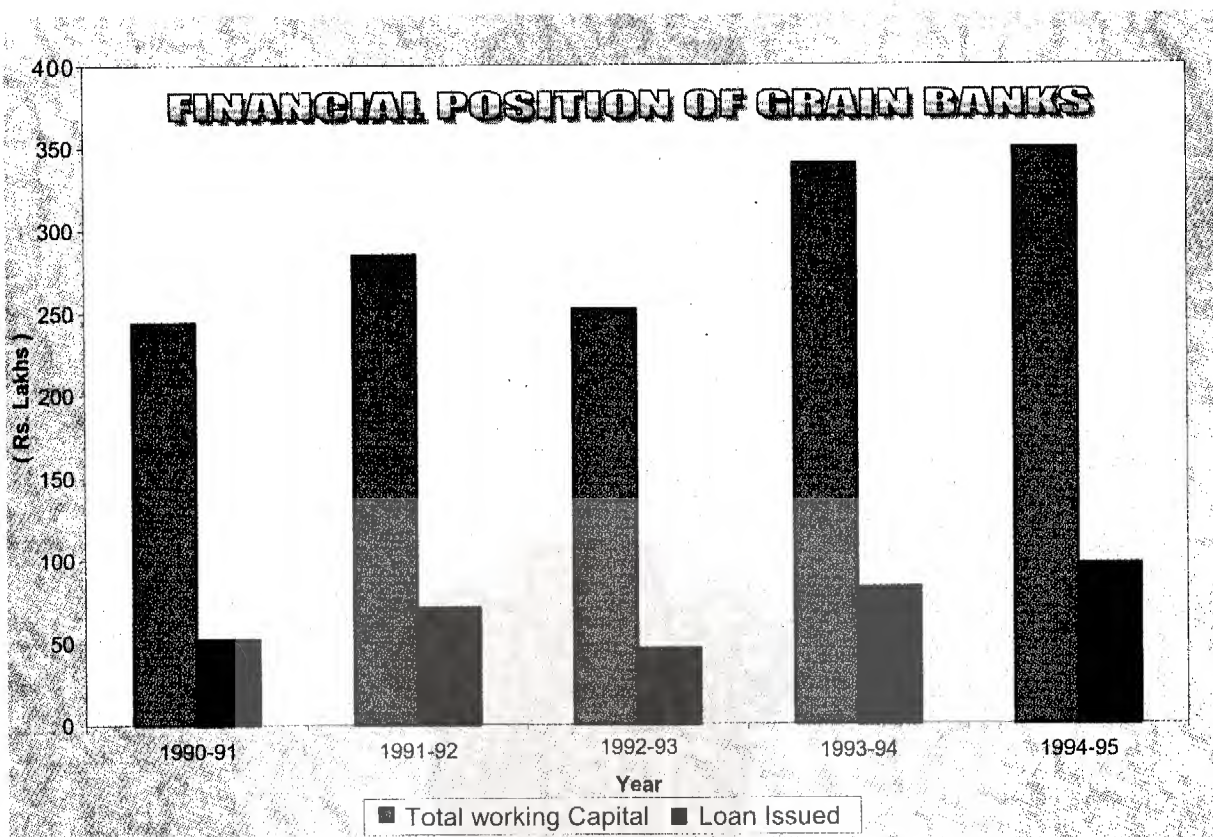
## NUMBER OF CO-OPERATIVE SOCIETIES



## MEMBERSHIP OF CO-OPERATIVE SOCIETIES







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## CHAPTER 12

### Co-operative Societies

**T**his section presents data regarding the number, membership and financial position of various classes of co-operative societies, thus depicting in abstract form the working of co-operative societies in India.

**Table 12.1**

This table provides data on number and membership of all types of co-operative societies.

**Tables 12.2 - 12.8**

These tables present data regarding the number, membership and financial position respectively of the following classes of co-operative banks and societies:-

- (i) State Co-operative Banks.
- (ii) Central Co-operative Banks.
- (iii) Primary Credit Societies (Agricultural and Non-agricultural).
- (iv) Grain Banks.
- (v) Central Land Development Banks.
- (vi) Primary Land Development Banks.
- (vii) Primary Non Credit Societies.

The Data relate to the years ending June.





Table 12.1 - NUMBER AND MEMBERSHIP-ALL TYPES

Year/States/ Union Territories	No. of societies			Membership ('000 Nos.)		
	Credit	Non-credit	Total	Credit	Non-credit	Total
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	95546	275216	370762	95764	42019	137783
1991-92	97809	284970	382779	107181	46202	153383
1992-93	98236	239239	337475	133362	32898	166260
1993-94	100166	248436	348602	135697	43375	179072
1994-95	97122	253806	350928	133014	47715	180729
<b>1994-95</b>						
<b>States:</b>						
Andhra Pradesh	7509	28933	36442	14128	2589	16717
Arunachal Pradesh	1	28	29		8	8
Assam	27	-	27	26	-	26
Bihar	7093	5557	12650	6294	384	6678
Goa	330	912	1242	311	65	376
Gujarat	10921	38679	49600	7341	5069	12410
Haryana	2967	8132	11099	2364	1028	3392
Himachal Pradesh	2455	1792	4247	960	159	1119
Jammu & Kashmir	5	-	5	81	-	81
Karnataka	6713	15642	22355	8644	4601	13245
Kerala	2628	7335	9963	12907	11559	24466
Madhya Pradesh	92	20	112	1530	208	1738
Maharashtra	36602	98111	134713	24342	10880	35222
Manipur	3	-	3	3	-	3
Meghalaya	181	403	584	99	16	115
Mizoram	153	1104	1257	7	26	33
Nagaland	1	138	139	-	3	3
Orissa	3516	3393	6909	3697	823	4520
Punjab	4222	10612	14834	2714	944	3658
Rajasthan	6183	12119	18302	6271	1434	7705
Sikkim	-	-	-	-	-	-
Tamil Nadu	4803	4596	9399	37869	2860	40729
Tripura	402	1043	1445	313	61	374
Uttar Pradesh	63	12156	12219	2945	4141	7086
West Bengal	43	2376	2419	8	568	576
<b>Union Territories:</b>						
A. & N Islands	45	331	376	2	32	34
Chandigarh	1	-	1	3	-	3
D. & N Haveli	23	90	113	19	33	52
Delhi	1	-	1	3	-	3
Daman & Diu	19	41	60	14	10	24
Lakshadweep	-	-	-	-	-	-
Pondicherry	120	263	383	119	214	333

Source: National Bank for Agriculture and Rural Development

**Table 12.2 - NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF STATE CO-OPERATIVE BANKS**

(Rs. lakhs)

Year/States/ Union Territories	Membership ('000)		Share capital	Rese- rves	Depos- its	Borrowings from				Total working Capital	Loans issued during the year
	Socie- ties	Indivi- duals				Govt.	RBI/ NABARD	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12
<b>All India</b>											
1990-91	14486	34440	22065	86465	663529	18858	303765	41144	363767	1230651	914703
1991-92	14385	37981	19973	90498	636722	12698	260277	53644	326619	1183743	775475
1992-93	15142	48385	25426	124132	848478	18792	355454	72511	446757	1565520	1292585
1993-94	15792	44665	27396	141652	1097680	18864	336597	72471	427932	1812883	1386747
1994-95	16475	39129	35479	183662	1128277	38573	492432	164540	695545	2126534	1894646
<b>1994-95</b>											
<b>States:</b>											
Andhra Pradesh	22	1	8051	28122	39695	16280	161057	24647	201984	295380	358201
Arunachal Pradesh	67	-	91	203	5109	4	149	-	153	5915	770
Assam	2659	22754	421	2277	19365	55	754	2	811	25910	14901
Bihar	122	27	1351	8169	28249	-	6772	3640	10412	55207	8990
Goa	563	2715	373	1188	16623	-	244	69	313	19755	12219
Gujarat	388	1	851	16402	95532	654	17572	2917	21143	141928	96256
Haryana	1028	7	1800	5193	33853	1630	46564	633	48827	93971	97178
Himachal Pradesh	1690	115	306	4541	38633	152	637	328	1117	47104	58445
Jammu & Kashmir(1)	67	921	105	247	2219	78	488	-	566	3339	-
Karnataka	69	-	1499	4502	44862	85	14671	6362	21118	73804	53180
Kerala	14	1	1277	3069	50252	44	13728	3963	17735	83255	47796
Madhya Pradesh	96	3392	3720	7411	62359	-	42484	14013	56497	135919	135835
Maharashtra	2477	3448	4555	51312	360852	4834	31702	6333	42869	473829	329773
Manipur	2142	652	239	468	787	43	1130	312	1485	2794	354
Meghalaya	452	39	205	402	10168	45	493	152	690	12014	1118
Mizoram	515	1	148	350	3250	-	16	-	16	3860	572
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	87	2426	851	5190	12315	561	15358	486	16405	36304	17762
Punjab	51	1	1401	7613	51401	171	25690	16125	41986	108713	137171
Rajasthan	65	13	1991	4673	23740	1095	25043	6526	32664	68484	43623
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	22	-	1153	10353	76029	8000	33782	70848	112630	172633	161253
Tripura	769	33	145	639	3633	361	530	-	891	7104	1797
Uttar Pradesh	70	1	4236	18729	127779	4472	53051	7106	64629	232382	302044
West Bengal	-	-	-	-	-	-	-	-	-	-	-
<b>Union Territories:</b>											
A & N. Islands	187	11	34	763	3334	-	124	48	172	4534	1947
Chandigarh	322	2511	121	63	1849	4	-	-	4	2219	119
Dadra & Nagar Haveli	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-
Delhi	2285	44	209	1215	11454	1	-	15	16	13467	9425
Pondicherry	246	15	346	568	4935	4	393	15	412	6710	3917

Source: National Bank for Agriculture and Rural Development

(1) Data relate to 1991-92.

**Table 12.3 - NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF CENTRAL CO-OPERATIVE BANKS**

(Rs. lakhs)

Year/States	No. of Banks	Membership (No.)		Share Capital	Deposits	Reserves	Borrowings from				Total working capital	Loans issued during the year
		Societies	Individuals				Govt.	RBI/NABARD	others	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All India</b>												
1990-91	353	232311	655281	98473	1120250	109641	10587	531797	13230	555614	2043761	1112071
1991-92	350	260667	679630	105832	1245913	120773	10831	615340	15293	641464	2281684	1068089
1992-93	350	242615	676529	120074	1466770	132687	9909	667981	23414	701304	2611036	1565371
1993-94	361	241632	640039	128737	1760033	157231	8992	669062	26626	704680	2936405	1663025
1994-95	363	246142	675854	143726	2030741	185057	10889	825339	23116	859344	3469640	2053375
<b>1994-95</b>												
<b>States:</b>												
Andhra Pradesh	22	13950	513717	17766	51607	17463	446	161213	14044	175703	302980	116352
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Assam	1	-	-	-	-	-	-	-	-	-	-	-
Bihar	34	21849	1405	8223	35747	7050	290	29207	62	29559	90082	11053
Goa	-	-	-	-	-	-	-	-	-	-	-	-
Gujarat	18	24258	7495	15730	256479	43244	1637	43652	995	46284	366823	162020
Haryana	16	7686	550	5324	42207	3404	236	59076	75	59387	113774	123974
Himachal Pradesh	2	2268	160	209	31171	883	-	1897	5	1902	46086	12816
Jammu & Kashmir	3	1354	8126	358	14937	1695	68	584	-	652	17527	5263
Karnataka	19	14153	9560	7116	91032	8697	575	23568	394	24537	146829	101184
Kerala	14	7469	7	4421	112788	8571	659	28219	441	29319	180288	103587
Madhya Pradesh	45	11659	39	9286	135103	6210	2092	58960	99	61151	221912	134252
Maharashtra	30	70288	23787	29589	636287	37574	25	132359	1206	133590	898584	548541
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-
Orissa	17	6409	4426	3453	28030	4829	1084	18865	47	19996	55159	28184
Punjab	17	15169	11	3845	119281	8646	388	36022	787	37197	172685	150738
Rajasthan	26	10185	577	7939	51310	4035	480	30054	500	31034	92682	59273
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	22	13179	103280	13481	189060	17745	1288	113770	4026	119084	390480	298083
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	60	18888	2439	15457	211128	12098	1457	82732	400	84589	334858	180886
West Bengal	17	7378	282	1529	24574	2913	164	5161	35	5360	38891	17169

Source: National Bank for Agriculture and Rural Development

**Table 12.4-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES  
A: AGRICULTURAL CREDIT SOCIETIES (EXCLUDING GRAIN-BANKS)**

(Rs. lakhs)

Year/States/ Union Territories	Number of societies	Mem- bership ( <sup>'000</sup> no.)	Share Capital	Reser- ves	Depos- its	Loans from				Total working capital	Loans issued during the year
						Central Govern- ment agencies	Banks Financ- ing	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12
<b>All India</b>											
1990-91	69911	59308	111030	46546	146667	7690	526153	11339	545182	998484	388397
1991-92	66507	66226	118769	52283	164796	7901	616080	14151	638132	1096544	479513
1992-93	65833	90887	128687	57045	229438	8090	616305	13499	637894	1261198	529250
1993-94	66111	91961	145088	64391	272219	8246	674380	13367	695993	1408927	715776
1994-95	66178	96476	163062	69369	286776	8626	768138	17070	793834	1580866	830079
<b>1994-95</b>											
<b>States:</b>											
Andhra Pradesh	4643	12036	15630	4544	7086	712	109665	4183	114560	211535	82050
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-	-
Bihar(1)	7057	6270	3019	459	202	318	18206	715	19239	32684	5704
Goa	91	46	130	85	39	77	272	-	349	863	248
Gujarat	7016	2544	16270	14430	4928	390	79689	1190	81269	133164	66264
Haryana(2)	2339	1902	6043	336	852	154	57683	294	58131	66796	72599
Himachal Pradesh	2143	891	2172	1129	7123	155	2990	12	3157	15541	3180
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-
Karnataka	4277	4972	10051	4831	13810	1535	36435	1056	39026	78649	45265
Kerala	1583	10385	13478	11193	189123	395	43813	1185	45393	324413	201096
Madhya Pradesh	-	-	-	-	-	-	-	-	-	-	-
Maharashtra	19913	8731	47247	11838	3611	439	203144	2050	205633	298446	142507
Manipur	-	-	-	-	-	-	-	-	-	-	-
Meghalaya(2)	180	98	226	18	269	81	258	-	339	973	365
Mizoram	152	6	5028	3035	21	33	1709	1325	3067	17822	1461
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	2807	3417	3980	2099	4096	401	18421	110	18932	36457	10907
Punjab	3552	2011	7783	3840	10619	351	57771	-	58122	93893	85274
Rajasthan	5319	5040	10584	2319	2621	938	35014	993	36945	66228	34399
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	4597	37752	20771	8053	42280	2510	100028	3772	106310	197212	77819
Tripura	385	292	451	914	33	107	2127	170	2404	4661	272
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-	-	-	-
<b>Union Territories:</b>											
A. & N. Islands(1)	44	1	16	2	1	-	43	-	43	57	30
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli(1)	8	15	14	30	-	6	15	-	21	74	12
Daman & Diu	13	12	53	58	17	7	8	-	15	177	20
Delhi	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry(1)	59	55	116	156	45	17	847	15	879	1221	607

(1) Data relate to 1993-94.

(2) Data relate to 1992-93.



**Table 12.4-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES-Contd.**  
**B: NON-AGRICULTURAL CREDIT SOCIETIES**

(Rs.lakhs)

Year/States/ Union Territories	Number of socie- ties	Mem- bership (‘000 no.)	Share capital	Reser- ves	Depos- its	Loans from				Total working capital	Loans issued during the year
						Govern- ment	Bank Financing agencies	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12
<b>All India</b>											
1990-91	23044	12081	63721	22000	89619	134	49218	8780	58132	294841	172924
1991-92	28619	14114	77959	22139	115459	351	68459	4722	73532	352047	217981
1992-93	29752	15067	90289	27217	132397	626	74384	5865	80875	407374	242242
1993-94	31389	15700	104677	31356	162820	494	83738	6229	90461	472992	330683
1994-95	30959	13568	125336	39572	257046	439	75929	6340	82708	599556	374323
<b>1994-95</b>											
<b>States:</b>											
Andhra Pradesh(2)	2759	885	1484	2323	2426	4	1008	1378	2390	11010	12617
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	-	-	-	-	-
Goa	232	58	3176	287	781	-	1380	733	2113	3575	3692
Gujarat(1)	3585	1709	6925	3151	18113	5	2771	555	3331	37311	34287
Haryana(2)	532	77	648	65	2896	1	1519	315	1835	5769	3425
Himachal Pradesh	303	30	217	45	587	-	538	-	538	1573	818
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-
Karnataka	1872	1177	9252	3430	13461	59	2714	434	3207	35524	29894
Kerala(1)	929	928	4014	1608	20957	238	6466	1723	8427	54661	26328
Madhya Pradesh(3)	910	350	1068	625	3172	36	390	256	682	6514	2637
Maharashtra	16187	7428	94892	27036	183038	9	54154	695	54858	418712	246533
Manipur	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	620	140	1008	235	5226	-	3042	54	3096	10552	6725
Punjab	578	102	397	164	2087	-	-	130	130	3116	1851
Rajasthan	720	-	335	77	1114	-	120	20	140	2136	1017
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	96	-	-	-	-	-	-	-	-	-
Tripura(2)	15	9	27	27	192	36	2	-	38	338	110
Uttar Pradesh(3)	1638	547	788	252	2390	9	1011	47	1067	5221	1312
West Bengal	-	-	-	-	-	-	-	-	-	-	-
<b>Union Territories:</b>											
A.N.Islands	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli(1)	15	4	854	216	-	42	142	-	184	1731	1677
Daman & Diu	6	2	16	3	-	-	-	-	-	25	27
Delhi	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry(1)	58	26	235	28	606	-	672	-	672	1788	1373

(1) Data relate to 1993-94

(2) Data relate to 1992-93

(5) Data relate to 1991-92

**Table 12.4-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY CREDIT SOCIETIES-Concl'd.**  
**B: NON-AGRICULTURAL CREDIT SOCIETIES-Contd.**  
**Primary Co-operative Banks**

(Rs.lakhs)

Year/States Union Territories	Number of socie- ties	Mem- bership (‘000 no.)	Share Capital	Reser- ves	Depos- its	Loans from				Total working capital	Loans issued during the year
						Gov- ern- ment	Central Bank	Others	Total		
1	2	3	4	5	6	7	8	9	10	11	12
<b>All India</b>											
1990-91	1220	12558	38981	83110	845481	..	..	..	52053	1150548	708301
1991-92	1301	14508	44542	97305	979000	..	..	..	56733	1361931	768607
1992-93	1302	14661	55384	121122	1121400	..	..	..	61326	1530439	957111
1993-94	1296	15157	59613	153466	1310602	..	..	..	54855	1788748	722103
1994-95	1413	17049	74570	174459	1530824	..	..	..	72427	2025790	1501367
<b>1994-95</b>											
<b>States:</b>											
Andhra Pradesh(1)	61	679	1623	2794	40199	..	..	..	1929	46147	37503
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-
Assam(3)	13	16	76	345	2483	..	..	..	315	3219	477
Bihar(2)	2	4	12	-	239	..	..	..	78	329	-
Goa	6	203	7638	2481	26409	..	..	..	1018	45155	12330
Gujarat	297	2414	14415	72880	424937	..	..	..	20530	566720	528454
Haryana(1)	8	39	183	134	2164	..	..	..	149	2831	1686
Himachal Pradesh	4	8	70	87	1522	..	..	..	219	2301	3269
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-	-
Karnataka	216	1120	6106	12654	105441	..	..	..	1043	138966	91822
Kerala	56	860	1386	2491	34586	..	..	..	318	55029	32091
Madhya Pradesh(1)	41	261	680	895	13885	..	..	..	62	16726	5077
Maharashtra	407	6993	33453	69435	776629	..	..	..	44859	1025426	695315
Manipur	-	-	-	-	-	-	-	-	-	-	-
Meghalaya(2)	3	6	30	1	163	..	..	..	38	214	62
Nagaland	-	-	-	-	-	-	-	-	-	-	-
Orissa	10	125	628	630	11242	..	..	..	75	15054	26155
Punjab	3	13	243	213	3348	-	-	-	-	4242	1627
Rajasthan	82	243	2129	1612	18870	-	-	-	137	27488	12120
Sikkim	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu(1)	133	3240	3024	5387	43275	..	..	..	1357	67047	37891
Tripura	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh(1)	23	251	764	380	4255	..	..	..	179	7747	4193
West Bengal(3)	47	541	2058	1964	20277	..	..	..	121	-	10698
<b>Union Territories:</b>											
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-
Pondicherry(1)	1	33	52	76	900	-	-	-	-	1149	597

Source: National Bank for Agriculture and Rural Development

(1) Data relate to 1993-94

(2) Data relate to 1992-93

(3) Data relate to 1990-91

**Table 12.5-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF GRAIN BANKS (1)**

(Rs. '000)

Year/States Union Territories	Number of banks	Member- ship (number)	Share Capital	Reserves	Deposits	Borrow- ings	Total working capital the year	Loans issued during
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1990-91	248	45786	4063	10619	508	936	24361	5170
1991-92	255	28183	4736	11731	486	727	28545	7120
1992-93	218	27589	3869	10563	381	433	25189	4621
1993-94	222	29099	5128	12932	776	271	33990	8272
1994-95	216	25139	5821	13529	944	210	34881	9705
<b>1994-95</b>								
<b>States:</b>								
Andhra Pradesh	-	-	-	-	-	-	-	-
Bihar	-	-	-	-	-	-	-	-
Gujarat	-	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-	-
Karnataka	149	23310	4065	11476	867	97	25681	8952
Kerala	-	-	-	-	-	-	-	-
Madhya Pradesh	-	-	-	-	-	-	-	-
Maharashtra	62	10	1718	1369	63	28	7559	698
Orissa	3	953	23	187	-	70	1054	55
Rajasthan(1)	2	866	15	497	14	15	587	-
Tamil Nadu	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-

Source: National Bank for Agriculture and Rural Development

(1) Data relates to 1993-94.

Table 12.6 - MEMBERSHIP AND FINANCIAL POSITION OF CENTRAL LAND DEVELOPMENT BANKS

(Rs. lakhs)

Year/States/ Union Territories	Membership (no.)			Total share capital	Total rese- rves	Depo- sits	Borrowings from				Total	Total Working Capital	Loans issued during the year
	Primary Land devel- opment banks	Other banks and socie- ties	Individ- uals				Deben- tures	Govt.	Co-ope- rative banks	Others			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>All India</b>													
1990-91	712	4366	3946448	28948	43416	6585	441859	3512	5176	6431	456978	608890	84023
1991-92	724	4599	4184268	31649	45541	5696	469453	4468	1322	20007	495250	662544	100164
1992-93	727	3831	4379547	33287	50743	7634	520777	4667	5727	18789	549960	727743	119117
1993-94	731	3858	4517855	37312	55227	11334	606921	5013	5188	5300	622422	821834	132667
1994-95	757	3854	4788375	40842	82813	10887	725964	5201	3558	10907	745630	928870	157478
<b>1994-95</b>													
<b>States:</b>													
Andhra Pradesh	22	-	7	3776	15460	331	104131	1790	-	3957	109878	136975	19657
Assam	23	-	-	-	-	-	-	-	-	-	-	-	-
Bihar	-	-	780	3215	7815	2149	14815	-	-	91	14906	33300	806
Gujarat	1	-	606166	3175	3678	2	45897	-	-	-	45897	57658	12219
Haryana	78	-	3	1845	3131	369	45594	-	-	-	45594	53569	13396
Himachal Pradesh	1	8	26802	262	17	-	2985	-	77	-	3062	4711	973
Jammu & Kashmir	-	-	71589	278	162	89	2206	-	-	84	2290	2898	457
Karnataka	177	11	-	3114	2016	939	70465	-	249	252	70966	83899	10716
Kerala	44	1	2	1312	6195	546	53718	-	56	1	53775	65934	11131
Madhya Pradesh	45	-	3	1793	2927	353	39133	-	-	1098	40231	49121	6325
Maharashtra	-	3730	1143843	7805	17075	1055	84950	500	4	5166	90620	116366	13662
Orissa(1)	57	-	-	613	453	100	6261	365	-	100	6726	10553	1746
Punjab	70	-	2	1965	6036	3059	51445	-	-	-	51445	66913	15194
Rajasthan	33	51	1	1490	1320	149	33987	-	1000	-	34987	42686	10340
Tamil Nadu	181	-	-	2620	8240	1713	37410	2375	2053	158	41996	60174	14919
Tripura	-	4	11108	92	9	-	35299	168	-	-	35467	612	154
Uttar Pradesh	1	49	2923356	7407	8232	24	97133	-	119	-	97252	142793	25706
West Bengal	24	-	-	-	-	-	-	-	-	-	-	-	-
<b>Union Territories</b>													
Pondicherry	-	-	4713	80	47	9	535	3	-	-	538	708	77

Source: National Bank for Agriculture and Rural Development

(1) Data relate to 1992-93.



**Table 12.7 - NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF  
PRIMARY LAND DEVELOPMENT BANKS**

(Rs. lakhs)

Year/States	Societ- ies ( '000 no.)	Member- ship capital	Total share	Reserves	Deposits	Borrow- ings Capital	Total Working during the year	Loans issued
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1990-91	717	6852	18482	8768	1581	197607	261711	37246
1991-92	724	7090	19531	1479	1649	218973	290133	38908
1992-93	727	7320	21868	10990	2077	249723	327512	49961
1993-94	731	7299	23475	12058	2691	273682	353390	61189
1994-95	757	7326	25300	13222	2579	295741	376987	69437
<b>1994-95</b>								
<b>States:</b>								
Andhra Pradesh	22	-	-	-	-	-	-	-
Assam (3)	23	-	-	-	-	-	-	-
Gujarat	1	1	1	55	-	-	-	-
Haryana(2)	78	375	2891	289	10	30009	41364	8517
Himachal Pradesh	1	7	78	5	-	626	758	159
Karnataka	177	1275	5098	1181	473	68073	75342	10985
Kerala(1)	44	726	2768	2822	402	49310	64977	9494
Madhya Pradesh(2)	45	1514	4116	1880	715	35527	47278	5473
Orissa	57	1	1056	548	371	9285	12461	1379
Punjab	70	573	4466	1237	-	44377	60110	18658
Rajasthan	33	881	2987	2510	112	35701	43719	10483
Tamil Nadu(2)	181	1973	1839	2695	496	22833	30978	4289
Uttar Pradesh	1	-	-	-	-	-	-	-
West Bengal(3)	24	-	-	-	-	-	-	-

Source: National Bank for Agriculture and Rural Development

(1) Data relate to 1993-94

(2) Data relate to 1992-93

(3) Data not available since 1981-82 in respect of Assam and since 1983-84 in respect of West Bengal.

**Table 12.8-NUMBER, MEMBERSHIP AND FINANCIAL POSITION OF PRIMARY NON-CREDIT SOCIETIES (EXCLUDING INSURANCE SOCIETIES)**

(Rs. lakh)

Year/ Type of Societies	Number of socie- ties	Member- ship ( '000 no.)	Share capital	Reserves	Borrowings from			Total Working Capital	Purchase/ Production during the year	Sales during the year.
					Govt.	Central Bank financing	Others			
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1990-91	275216	42019	224890	-	-	-	-	1372728	979265	1294500
1991-92	284970	46202	229185	-	-	-	-	1836443	1106444	1527645
1992-93	239739	32898	239223	-	-	-	-	1946574	1051189	1594574
1993-94	248436	43375	253070	-	-	-	-	1951773	1159198	1769057
1994-95(P)	243907	42353	218232	462818	46555	149524	325246	1698054	1315465	1565306
<b>1994-95</b>										
Marketing Societies	5928	3524	14501	14593	4255	11927	3729	111651	358726	473925
Milk Supply Societies	61902	6239	15877	15231	403	3286	1497	66479	471444	397769
Ghee Union	259	6	27	1	-	-	7	73	53	70
Poultry Societies	2462	150	827	155	1189	524	449	4114	1671	2909
Other Livestock Product Societies	2843	154	195	72	15	149	148	746	580	605
Farming Societies	3849	263	492	315	1331	532	589	5871	1527	1660
Irrigation Societies	6740	541	2780	3931	298	26428	17479	70471	-	2735
Sugar Factories	115	1813	78338	66025	19301	36637	106889	375635	173088	236216
Cotton Ginning and Pressing Societies	384	324	1032	3151	353	3636	1028	14775	-	5466
Other Agricultural Processing Societies	1564	509	2891	3106	873	8098	356	25555	-	7396
Other Agricultural Non-credit Societies	2140	258	714	249	-	200	146	3170	-	7809
Weavers' Societies	6522	534	3485	3438	941	6674	2128	30237	15726	37968
Spinning Mills	275	619	42623	300260	5004	13664	28420	135349	51771	82088
Other Industrial Societies	25222	1598	4128	2611	521	4035	2579	20472	8319	15475
Consumers Co-operative Stores	22807	16721	6596	3661	991	1630	1797	36550	227992	122626
Housing Societies	68121	4132	18106	6054	5193	16136	124680	373741	-	106585
Fisheries Societies	4349	539	1196	1287	1798	636	594	7968	2771	8732
Other Non-agricultural Non credit Societies	7475	862	2495	3390	-	1567	1048	13645	-	1693
Co-operative Industrial Societies	359	52	2275	2572	77	129	1583	13979	-	-
Cold Storages	87	87	2002	105	1171	317	61	3950	-	-
Multi Unit	223	1206	10783	23298	986	6322	23445	307184	-	-
Labour Contract & Construction Societies	15823	1042	1484	819	162	1259	654	16327	-	38579
Forest Labourers Societies	743	222	116	1503	53	255	627	19871	1459	4470
Transport Societies	2632	91	1730	765	59	4177	1322	12122	-	4351
Electricity Societies	49	803	3459	6160	1570	1181	3917	27641	-	5828
Other Livestock Societies	1034	64	80	66	11	125	74	478	338	351

Source: National Bank for Agriculture & Rural Development





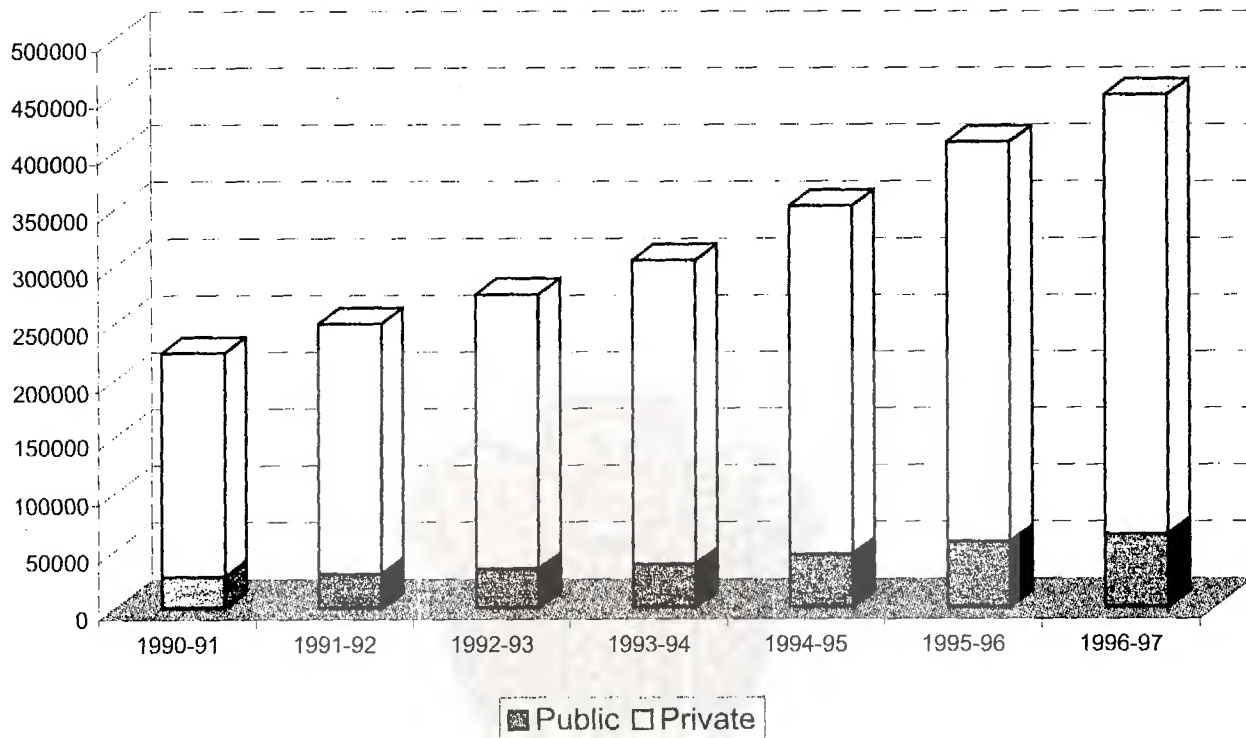
**INSURANCE**



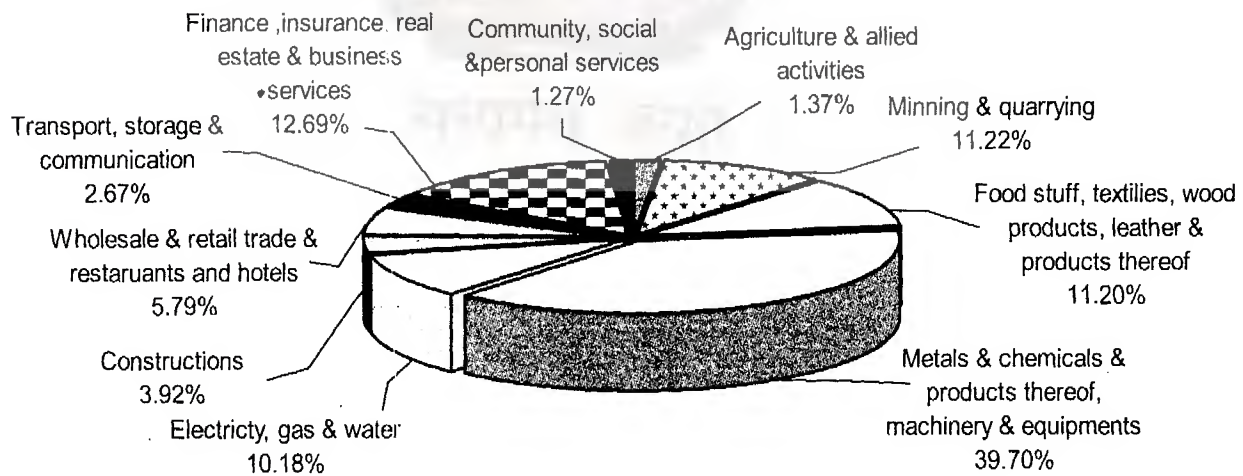




### JOINT STOCK COMPANIES AT WORK (NUMBER)



### JOINT STOCK COMPANIES AT WORK BY INDUSTRIAL ACTIVITY PAID UP CAPITAL (1996-97) (RS.CRORE IN PERCENTAGE)









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## CHAPTER 13

### Joint Stock Companies

**T**his section contains statistics relating to joint stock companies which are based on returns received from Registrars of Joint Stock Companies.

#### Tables 13.1 to 13.3

These tables present data regarding joint stock companies at work, newly registered and ceased to work (both liquidated and struck off).

Statistics are given for the number and paid-up capital of the companies, liability of which is limited by shares only. Authorised capital is given in the case of newly registered companies (Table 13.2). Companies have also been classified according to the industrial activity. The number of foreign companies, which carry on business in India have been included in Table 13.1. The figures relate to companies incorporated elsewhere than in India, the majority of which are with sterling capital. For the data relating to previous years, earlier issues of Statistical Abstract may be referred. The tables 13.1 and 13.3 have been modified for want of statewise and industry-wise figures.



**Table 13.1-JOINT STOCK COMPANIES AT WORK BY INDUSTRIAL ACTIVITY  
(NUMBER AND PAID-UP CAPITAL)**

(Rs. crores)

Year	Industrial Code/Classification											
	0-Agriculture and Allied Activities						1-Mining and Quarrying					
	Public		Private		Total		Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital
1	2	3	4	5	6	7	8	9	10	11	12	13
1990-91	929	282.7	5007	287.5	5936	570.2	433	2225.1	2405	13793.0	2838	16018.1
1991-92	1014	321.0	5645	313.2	6659	634.2	451	4638.5	2745	11447.6	3196	16086.1
1992-93	1298	386.1	6369	335.2	7667	721.4	499	4919.8	2995	11569.3	3494	16489.1
1993-94	1582	561.0	7435	887.8	9017	1448.8	529	5394.6	3211	11584.5	3740	16979.1
1994-95	2230	865.7	9138	525.5	11368	1391.2	573	5712.3	3615	11837.5	4188	17549.8
1995-96	3164	1603.1	12237	645.0	15401	2248.1	635	6305.6	4117	12110.8	4752	18416.4
1996-97	3957	2111.0	13762	762.9	17719	2873.9	665	5992.7	4481	12953.7	5146	18946.4

Year	Industrial Code/Classification											
	2-Food-stuffs, Textiles, Wood Products, Leather and Products thereof						3-Metals & Chemicals and Products thereof, Machinery and Equipments					
	Public		Private		Total		Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital
1	14	15	16	17	18	19	20	21	22	23	24	25
1990-91	4624	3387.9	30304	1984.5	34928	5372.4	8505	19257.3	69739	13577.3	78244	32834.7
1991-92	4968	5027.9	33258	2773.8	38226	7801.7	9076	19487.7	76121	15255.6	85197	34743.3
1992-93	5593	6432.6	35460	3049.3	41053	9481.8	10336	21654.6	80999	16466.6	91335	38121.2
1993-94	6093	7813.8	38787	3461.4	44880	11275.2	11102	29282.2	86756	17552.7	97858	46835.0
1994-95	7111	10240.8	42410	4187.2	49521	14428.0	12758	38279.5	93738	17637.9	106496	55917.4
1995-96	8279	13127.6	45921	5257.1	54200	18384.7	14929	45642.4	102117	19495.1	117046	65137.5
1996-97	8878	14685.5	48943	6300.4	57821	20985.9	16235	49116.3	110045	21710.3	126280	70826.6

Year	Industrial Code/Classification											
	4- Electricity, Gas and Water						5- Constructions					
	Public		Private		Total		Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital
1	26	27	28	29	30	31	32	33	34	35	36	37
1990-91	230	876.4	503	1520.6	733	2397.0	740	1998.5	10936	931.3	11676	2929.8
1991-92	190	11164.3	499	629.5	689	11793.8	797	1466.5	12264	596.9	13061	2063.5
1992-93	207	12441.3	534	776.5	741	13217.8	931	1587.9	13276	658.8	14207	2246.7
1993-94	230	13682.9	593	992.3	823	14675.2	1018	2105.4	14511	836.7	15529	2942.0
1994-95	328	14268.5	683	1779.1	1011	16047.6	1209	4700.3	16399	929.0	17608	5629.3
1995-96	460	14692.2	849	2007.4	1309	16699.6	1680	5262.1	19157	1164.4	20837	6426.5
1996-97	555	16606.5	993	2163.6	1548	18770.1	1979	5493.5	21903	1391.2	23882	6884.7



**Table 13.1-JOINT STOCK COMPANIES AT WORK BY INDUSTRIAL ACTIVITY - Contd.**  
**(NUMBER AND PAID-UP CAPITAL)**

(Rs.crores)

Year	Industrial Code/Classification											
	6-Wholesale & Retail Trade and Restaurants and Hotels						7-Transport, Storage and Communication					
	Public		Private		Total		Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital
1	38	39	40	41	42	43	44	45	46	47	48	49
1990-91	3038	2942.3	21247	1068.8	24285	4011.2	499	679.7	6478	313.8	6977	993.4
1991-92	3247	1492.8	25452	678.2	28699	2171.0	533	1851.6	7072	277.9	7605	2129.4
1992-93	3647	1801.1	29670	817.5	33317	2618.6	615	2199.0	7784	295.8	8399	2494.8
1993-94	4104	2186.5	35631	1385.6	39735	3572.2	702	2611.5	8785	935.9	9487	3547.4
1994-95	4967	3629.1	45165	1800.2	50132	5429.3	854	3206.5	9875	480.5	10729	3687.0
1995-96	5910	6528.9	54365	2963.7	60275	9492.6	1027	3660.8	11263	722.7	12290	4383.4
1996-97	6528	7650.7	60696	3824.6	67224	11475.3	1171	4273.1	12659	930.7	13830	5203.8

Year	Industrial Code/Classification											
	8-Finance, Insurance, Real Estate and Business Services						9-Community, Social and Personal Services					
	Public		Private		Total		Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital	No.	paid-up capital
1	50	51	52	53	54	55	56	57	58	59	60	61
1990-91	7465	1509.4	41877	994.1	49342	2503.5	895	227.2	8598	253.2	9493	480.4
1991-92	8565	5034.5	48489	1592.3	57054	6626.8	951	324.2	9024	268.2	9975	592.5
1992-93	9957	5954.0	55007	2036.5	64964	7990.5	1029	380.8	9458	292.5	10487	673.3
1993-94	11541	7540.3	61918	2736.6	73459	10276.9	1099	658.0	9998	1612.2	11097	2270.3
1994-95	15356	10561.5	74774	3865.5	90130	14427.0	1276	958.8	10833	553.3	12109	1512.1
1995-96	19774	14840.5	89869	5981.6	109643	20822.1	1544	1379.1	11845	698.6	13389	2077.7
1996-97	22445	18043.7	100590	8022.6	123035	26066.3	1696	1746.8	12769	862.9	14465	2609.7

Note: Data for the years prior to 1991-92 shown here industrial activitywise have been extracted from the Annual Reports of the Department of Company Affairs. They may not add up to total which are revised.

**Table 13.1-JOINT STOCK COMPANIES AT WORK BY INDUSTRIAL ACTIVITY-Concl'd.**  
**(NUMBER AND PAID-UP CAPITAL)**

(Rs. crores)

Year	Industrial Code/Classification					
	Total					
	Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital
1	62	63	64	65	66	67
<b>All India</b>						
1990-91	27358	33386.4	197094	34724.2	224452	68110.6
1991-92	29792	50809.0	220569	33833.3	250361	84642.3
1992-93	34112	57757.1	241552	36298.1	275664	94055.2
1993-94	38000	71836.2	267625	41985.7	305625	113821.9
1994-95	46662	92422.9	306630	43595.7	353292	136018.7
1995-96	57402	113042.2	351740	51046.1	409142	164088.4
1996-97	64109	125719.7	386841	58823.1	450950	184542.8
<b>1996-97</b>						
<b>States:</b>						
Andhra Pradesh	4730	7264.7	21173	8298.2	25903	15562.9
Arunachal Pradesh	10	3.8	148	12.7	158	16.5
Assam	522	1223.4	2664	549.9	3186	1773.4
Bihar	1247	436.7	5887	3015.9	7134	3452.6
Goa	262	642.2	1725	169.0	1987	811.2
Gujarat	4868	12419.8	25670	1268.9	30538	13688.7
Haryana	563	852.3	4020	336.4	4583	1188.7
Himachal Pradesh	253	183.3	1313	655.0	1566	838.3
Jammu & Kashmir	121	23.4	1208	114.8	1329	138.2
Karnataka	2177	6350.4	17670	1249.1	19847	7599.5
Kerala	1209	1521.5	8170	1175.5	9379	2697.0
Madhya Pradesh	1436	2627.8	9407	1498.9	10843	4126.7
Maharashtra	10181	24346.2	86741	11155.0	96922	35501.2
Manipur	18	30.7	110	35.0	128	65.7
Meghalaya	38	59.4	171	462.7	209	522.1
Mizoram	-	-	15	24.1	15	24.1
Nagaland	12	54.2	212	68.6	224	122.8
Orissa	723	2720.6	3624	967.8	4347	3688.4
Punjab	1677	1173.3	9290	346.8	10967	1520.1
Rajasthan	1497	2158.2	10830	805.8	12327	2964.0
Sikkim	-	-	-	-	-	-
Tamil Nadu	6844	9943.2	32583	2784.4	39427	12727.6
Tripura	8	9.6	41	34.7	49	44.3
Uttar Pradesh	4101	3431.2	15096	797.4	19197	4228.7
West Bengal	9702	9994.1	53776	11352.8	63478	21346.9
<b>Union Territories:</b>						
A. & N. Islands	1	3.6	9	12.7	10	16.3
Chandigarh	936	527.5	3382	238.1	4318	765.6
D. & N. Haveli	30	125.0	70	1.7	100	126.7
Delhi	10719	37432.8	70921	11252.7	81640	48685.5
Daman and Diu	24	33.9	48	14.8	72	48.8
Lakshadweep	-	-	-	-	-	-
Pondicherry	200	127.1	867	123.6	1067	250.7

For note, please refer to pre-page.

**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY  
(NUMBER AND AUTHORISED CAPITAL)**

(Rs. crores)

Year/ States/U. Ts.	Industrial Code/Classification											
	0-Agriculture and Allied Activities						1-Mining and Quarrying					
	Public		Private		Total		Public		Private		Total	
	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All India</b>												
1990-91	37	30.71	554	52.73	591	83.44	26	80.31	319	49.35	345	129.66
1991-92	78	68.64	644	116.83	722	185.47	16	10.86	350	57.12	366	67.98
1992-93	239	174.64	774	103.11	1013	277.75	48	520.52	256	134.11	304	654.63
1993-94	272	109.89	1090	116.16	1362	226.04	28	19.88	223	47.79	251	67.67
1994-95	590	365.90	1767	220.10	2357	586.00	45	26.08	409	32.94	454	59.02
1995-96	874	985.77	3182	386.11	4056	1371.88	54	82.59	514	48.91	568	131.50
1996-97	874	985.77	3182	386.11	4056	1371.88	54	82.59	514	48.91	568	131.50
<b>1996-97</b>												
<b>States:</b>												
Andhra Pradesh	75	53.96	278	24.64	353	78.60	2	10.10	23	2.48	25	12.58
Arunachal Pradesh	-	-	7	2.45	7	2.45	-	-	-	-	-	-
Assam	1	0.05	23	3.56	24	3.61	-	-	2	0.45	2	0.45
Bihar	45	5.11	38	3.23	83	8.34	-	-	4	0.30	4	0.30
Goa	-	-	7	1.31	7	1.31	1	0.50	2	0.20	3	0.70
Gujarat	29	8.84	57	5.98	86	14.82	4	0.85	12	0.73	16	1.58
Haryana	10	6.55	7	1.67	17	8.22	-	-	3	0.60	3	0.60
Himachal Pradesh	1	0.01	3	0.11	4	0.12	-	-	-	-	-	-
Jammu & Kashmir	3	0.12	1	0.15	4	0.27	-	-	1	0.30	1	0.30
Karnataka	12	16.67	67	8.49	79	25.16	-	-	17	3.22	17	3.22
Kerala	2	15.10	20	6.88	22	21.98	-	-	1	0.05	1	0.05
Madhya Pradesh	34	4.22	67	4.56	101	8.78	2	1.10	24	2.71	26	3.81
Maharashtra	84	47.63	475	58.52	559	106.15	-	-	13	1.29	13	1.29
Manipur	1	0.05	1	0.05	2	0.10	-	-	-	-	-	-
Meghalaya	-	-	2	1.00	2	1.00	-	-	-	-	0	0.00
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	6	1.42	6	1.42	-	-	-	-	-	-
Orissa	20	3.98	26	3.20	46	7.18	4	1.40	15	5.02	19	6.42
Punjab	33	3.39	14	1.62	47	5.01	-	-	6	2.65	6	2.65
Rajasthan	12	0.37	42	1.65	54	2.02	3	0.03	207	4.21	210	4.24
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	58	17.10	167	39.41	225	56.51	6	3.35	30	3.82	36	7.17
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	146	16.72	42	5.49	188	22.21	2	0.30	4	0.35	6	0.65
West Bengal	22	2.95	69	10.44	91	13.39	-	-	5	1.10	5	1.10
<b>Union Territories:</b>												
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	50	8.35	14	1.02	64	9.37	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-	-	-
Delhi	119	28.26	156	18.99	275	47.25	3	0.40	11	2.66	14	3.06
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	4	0.09	4	0.09	1	0.10	-	-	1	0.10

**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY - Contd.**  
**(NUMBER AND AUTHORISED CAPITAL)**

(Rs.crores)

Year/States/U. Ts.	Industrial Code/Classification											
	2-Food-stuffs, Textiles, Wood Products, Leather and Products thereof						3-Metals & Chemicals and Products thereof, Machinery and Equipments					
	Public		Private		Total		Public		Private		Total	
	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital
1	14	15	16	17	18	19	20	21	22	23	24	25
<b>All India</b>												
1990-91	209	231.24	3067	1005.03	3276	1236.27	382	1274.83	6255	772.88	6637	2047.71
1991-92	311	302.10	3012	412.33	3323	714.43	472	641.41	6497	755.92	6969	1397.33
1992-93	451	570.88	2414	340.81	2865	911.68	862	2598.17	5368	688.57	6230	3286.74
1993-94	476	383.15	3407	566.02	3883	949.17	688	1635.69	5954	777.52	6642	2413.21
1994-95	772	926.12	3909	758.35	4681	1684.48	1216	2305.35	7535	1456.95	8751	3762.29
1995-96	453	922.23	3302	782.64	3755	1704.87	985	2153.27	8512	2359.40	9497	4512.67
1996-97	453	922.23	3302	782.64	3755	1704.87	985	2153.27	8512	2359.40	9497	4512.67
<b>1996-97</b>												
<b>States:</b>												
Andhra Pradesh	30	20.60	180	26.95	210	47.55	84	29.53	480	79.46	564	108.99
Arunachal Pradesh	-	-	3	0.40	3	0.40	-	-	-	-	0	0.00
Assam	-	-	20	6.03	20	6.03	1	0.25	35	8.20	36	8.45
Bihar	5	1.80	47	6.20	52	8.00	18	6.11	104	19.73	122	25.84
Goa	-	-	18	1.99	18	1.99	5	3.35	71	11.52	76	14.87
Gujarat	52	44.35	286	95.66	338	140.01	128	55.35	787	208.02	915	263.37
Haryana	6	1.10	40	7.77	46	8.87	19	21.75	105	8.94	124	30.69
Himachal Pradesh	3	1.52	6	1.58	9	3.10	6	5.43	26	1.76	32	7.19
Jammu & Kashmir	1	1.00	16	1.80	17	2.80	1	0.05	25	5.29	26	5.34
Karnataka	15	21.90	154	26.07	169	47.97	38	79.92	418	104.99	456	184.91
Kerala	8	12.75	80	16.24	88	28.99	13	13.09	201	30.73	214	43.82
Madhya Pradesh	10	1.63	102	15.20	112	16.83	25	128.36	228	26.18	253	154.54
Maharashtra	59	56.63	516	86.80	575	143.43	151	266.46	2052	402.29	2203	668.75
Manipur	-	-	-	-	-	-	-	-	-	-	-	-
Meghalaya	-	-	2	0.50	2	0.50	1	2.50	6	1.60	7	4.10
Mizoram	-	-	-	-	-	-	-	-	1	0.10	1	0.10
Nagaland	-	-	2	0.35	2	0.35	-	-	3	0.41	3	0.41
Orissa	4	0.65	57	8.68	61	9.33	17	36.05	121	16.71	138	52.76
Punjab	30	32.11	176	40.62	206	72.73	30	70.91	207	30.98	237	101.89
Rajasthan	5	1.53	98	2.30	103	3.83	11	502.39	248	6.06	259	508.45
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	54	83.00	360	143.90	414	226.90	99	104.92	695	164.67	794	269.59
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	63	79.29	144	23.18	207	102.47	59	64.77	401	63.02	460	127.79
West Bengal	18	121.65	299	60.56	317	182.21	53	91.59	533	129.17	586	220.76
<b>Union Territories:</b>												
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	13	6.15	36	3.16	49	9.31	30	7.68	107	13.71	137	21.39
D. & N. Haveli	1	400.00	3	1.00	4	401.00	1	1.00	5	1.52	6	2.52
Delhi	76	559.24	644	917.61	720	1476.85	191	178.13	1609	410.43	1800	588.56
Daman & Diu	-	-	-	-	-	-	3	6.35	4	6.75	7	13.10
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	13	2.93	13	2.93	1	0.05	40	4.31	41	4.36



**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY - Contd.**  
**(NUMBER AND AUTHORISED CAPITAL)**

(Rs.crores)

Year/ States/U.Ts.	Industrial Code/Classification											
	4- Electricity, Gas and Water						5- Constructions					
	Public		Private		Total		Public		Private		Total	
	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital
1	26	27	28	29	30	31	32	33	34	35	36	37
<b>All India</b>												
1990-91	4	2.17	29	2.15	33	4.32	46	24.49	1196	89.53	1242	114.02
1991-92	8	7.18	41	4.26	49	11.44	62	35.51	1341	117.59	1403	153.10
1992-93	17	28.20	36	5.12	53	33.32	91	99.80	1057	104.54	1148	204.34
1993-94	23	44.41	62	5.68	85	50.09	73	44.56	1260	104.06	1333	148.62
1994-95	85	434.12	107	36.02	192	470.14	170	148.65	1921	239.02	2091	387.67
1995-96	125	1787.57	173	83.87	298	1871.44	391	1395.48	2850	312.80	3241	1708.28
1996-97	88	215.46	158	214.61	246	430.07	261	171.53	2807	477.23	3068	648.76
<b>1996-97</b>												
<b>States:</b>												
Andhra Pradesh	14	49.00	17	3.16	31	52.16	33	21.37	190	21.33	223	42.70
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-	-	-
Assam	1	1.00	1	0.25	2	1.25	1	0.05	6	1.20	7	1.25
Bihar	-	-	1	0.10	1	0.10	8	3.25	71	6.24	79	9.49
Goa	-	-	-	-	-	-	-	-	12	0.57	12	0.57
Gujarat	5	3.21	20	104.15	25	107.36	57	21.35	312	167.43	369	188.78
Haryana	1	5.00	-	-	1	5.00	2	5.30	15	1.40	17	6.70
Himachal Pradesh	1	1.00	1	0.05	2	1.05	-	-	-	-	-	-
Jammu & Kashmir	-	-	1	0.10	1	0.10	1	0.02	4	0.24	5	0.26
Karnataka	8	26.40	15	3.71	23	30.11	3	2.05	101	46.68	104	48.73
Kerala	2	0.10	5	0.66	7	0.76	4	10.36	54	7.58	58	17.94
Madhya Pradesh	-	-	10	13.00	10	13.00	10	3.88	138	7.62	148	11.50
Maharashtra	10	9.31	22	2.40	32	11.71	36	31.96	655	76.77	691	108.73
Manipur	1	75.00	-	-	1	75.00	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	1	0.01	1	0.01
Orissa	-	-	4	0.55	4	0.55	2	1.70	52	6.40	54	8.10
Punjab	1	1.00	1	0.10	2	1.10	4	1.32	61	4.44	65	5.76
Rajasthan	-	-	3	0.07	3	0.07	8	0.17	163	2.26	171	2.43
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	14	17.15	14	52.37	28	69.52	38	30.06	222	30.90	260	60.96
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	8	4.50	69	6.61	77	11.11
West Bengal	11	17.00	10	2.25	21	19.25	5	3.20	141	17.54	146	20.74
<b>Union Territories:</b>												
A & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	2	0.12	1	0.06	3	0.18	6	2.47	18	0.94	24	3.41
D. & N. Haveli	-	-	-	-	-	-	-	-	2	0.50	2	0.50
Delhi	17	10.17	31	31.53	48	41.70	34	28.47	518	70.46	552	98.93
Daman & Diu	-	-	-	-	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	1	0.10	1	0.10	1	0.05	2	0.11	3	0.16

**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY -Contd.**  
**(NUMBER AND AUTHORISED CAPITAL)**

(Rs.crores)

Year/ States/U.Ts.	Industrial Code/Classification											
	6-Wholesale & Retail Trade and Restaurants and Hotels						7-Transport, Storage and Communication					
	Public		Private		Total		Public		Private		Total	
	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital
1	38	39	40	41	42	43	44	45	46	47	48	49
<b>All India</b>												
1990-91	136	234.48	2932	432.56	3068	667.04	18	255.54	587	54.46	605	310.00
1991-92	233	185.63	4275	442.00	4508	627.63	31	84.31	594	48.64	625	132.95
1992-93	380	382.27	4265	426.77	4645	809.04	62	1047.78	734	71.71	796	1119.49
1993-94	409	1785.31	6052	633.60	6461	2418.90	85	177.90	1008	104.29	1093	282.18
1994-95	697	830.17	9714	836.38	10411	1666.56	133	171.79	1114	208.40	1247	380.19
1995-96	721	543.09	9451	1291.24	10172	1834.33	140	416.58	1439	267.14	1579	683.72
1996-97	407	416.95	6585	731.81	6992	1148.72	109	146.10	1464	211.83	1573	357.93
<b>1996-97</b>												
<b>States:</b>												
Andhra Pradesh	25	6.93	193	19.83	218	26.76	11	6.47	81	19.62	92	26.09
Arunachal Pradesh	-	-	1	0.40	1	0.40	-	-	-	-	-	-
Assam	1	1.00	46	10.41	47	11.41	-	-	14	2.67	14	2.67
Bihar	5	103.40	56	6.82	61	110.22	7	0.85	21	2.78	28	3.63
Goa	-	-	22	7.27	22	7.27	-	-	19	2.92	19	2.92
Gujarat	42	10.64	253	22.13	295	32.77	8	0.58	66	4.90	74	5.48
Haryana	2	21.00	38	6.79	40	27.79	-	-	7	0.67	7	0.67
Himachal Pradesh	2	0.28	14	1.78	16	2.06	-	-	4	0.37	4	0.37
Jammu & Kashmir	-	-	10	1.13	10	1.13	-	-	10	2.12	10	2.12
Karnataka	13	4.38	203	32.90	216	37.28	1	0.10	54	6.20	55	6.30
Kerala	4	4.05	134	21.90	138	25.95	3	0.45	44	6.08	47	6.53
Madhya Pradesh	4	0.23	104	21.90	108	22.13	2	1.05	43	3.23	45	4.28
Maharashtra	70	106.73	1204	123.69	1274	230.42	27	113.07	330	34.68	357	147.75
Manipur	1	0.05	1	0.10	2	0.15	-	-	-	-	-	-
Maghalaya	-	-	1	0.10	1	0.10	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	3	1.06	3	1.06	-	-	1	0.25	1	0.25
Orissa	7	3.70	37	7.45	44	11.15	1	0.25	13	1.94	14	2.19
Punjab	5	0.96	95	12.72	100	13.68	5	2.35	45	7.12	50	9.47
Rajasthan	6	0.28	62	1.78	68	2.06	2	0.55	13	0.30	15	0.85
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	29	20.82	373	54.42	402	75.24	7	1.65	127	14.93	134	16.58
Tripura	-	-	1	0.01	1	0.01	-	-	-	-	-	-
Uttar Pradesh	20	4.12	140	14.80	160	18.92	2	0.15	40	6.91	42	7.06
West Bengal	24	36.36	2067	131.10	2091	167.46	7	6.85	121	41.35	128	48.20
<b>Union Territories:</b>												
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	10	5.71	52	3.43	62	9.14	1	1.00	9	0.30	10	1.30
D. & N. Haveli	-	-	1	0.05	1	0.05	-	-	-	-	-	-
Delhi	137	86.31	1464	225.18	1601	311.45	25	10.73	402	52.49	427	63.22
Daman & Diu	-	-	2	1.05	2	1.05	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	8	1.61	8	1.61	-	-	-	-	-	-

**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY - Contd.**  
**(NUMBER AND AUTHORISED CAPITAL)**

(Rs.crores)

Year/ States/U.Ts.	Industrial Code/Classification											
	8-Finance, Insurance, Real Estate and Business Services						9-Community, Social and Personal Services					
	Public		Private		Total		Public		Private		Total	
	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital	No.	Autho- rised capital
1	50	51	52	53	54	55	56	57	58	59	60	61
1990-91	704	981.24	5317	415.17	6021	1396.41	35	52.37	489	54.04	524	106.41
1991-92	1025	504.98	6650	516.66	7675	1021.64	57	42.66	448	49.21	505	91.87
1992-93	1305	778.69	6635	558.93	7940	1337.62	79	59.54	438	46.21	517	105.74
1993-94	1501	1114.27	7062	731.19	8563	1845.46	70	141.15	548	65.79	618	206.94
1994-95	3348	4055.09	13370	1698.11	16718	5753.21	164	171.67	862	4023.09	1026	4194.76
1995-96	3712	4152.47	15955	2423.90	19667	6576.37	237	328.24	1059	223.51	1296	551.75
1996-97	2256	7512.60	11302	1700.33	13558	9212.93	144	214.63	961	159.85	1105	374.48
<b>1996-97</b>												
<b>States:</b>												
Andhra Pradesh	248	68.00	1017	109.28	1265	177.28	27	14.48	85	23.30	112	37.78
Arunachal Pradesh	1	5.00	1	0.10	2	5.10	-	-	1	0.15	1	0.15
Assam	11	3.90	71	9.20	82	13.10	2	6.00	7	0.29	9	6.29
Bihar	95	9.61	123	9.03	218	18.64	1	0.25	16	1.56	17	1.81
Goa	7	5.60	48	5.50	55	11.10	-	-	8	1.41	8	1.41
Gujarat	111	60.30	483	29.03	594	89.33	5	1.06	30	2.48	35	3.54
Haryana	17	2.37	192	8.60	209	10.97	1	1.00	2	0.15	3	1.15
Himachal Pradesh	16	1.02	25	1.60	41	2.62	1	0.10	2	0.02	3	0.12
Jammu & Kashmir	10	1.60	28	4.17	38	5.77	-	-	3	1.05	3	1.05
Karnataka	61	83.03	519	76.88	580	159.91	4	6.40	37	6.50	41	12.90
Kerala	17	3.35	432	42.12	449	45.47	9	20.81	73	13.50	82	34.31
Madhya Pradesh	87	24.60	186	21.23	273	45.83	1	0.10	30	3.21	31	3.31
Maharashtra	206	305.61	2263	244.94	2469	550.55	18	5.38	197	22.75	215	28.13
Manipur	-	-	2	0.60	2	0.60	-	-	-	-	-	-
Maghalaya	-	-	2	0.75	2	0.75	1	0.50	-	-	1	0.50
Mizoram	-	-	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	2	0.03	2	0.03	-	-	-	-	-	-
Orissa	7	200.90	53	3.24	60	204.14	2	2.50	22	2.19	24	4.69
Punjab	47	14.39	307	32.34	354	46.73	2	1.10	34	4.39	36	5.49
Rajasthan	79	4.28	545	12.97	624	17.25	4	0.08	25	0.76	29	0.84
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	319	5239.50	781	89.00	1100	5328.50	37	130.40	94	29.50	131	159.90
Tripura	-	-	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	409	55.28	320	30.08	729	85.36	2	0.20	46	5.68	48	5.88
West Bengal	82	1209.49	1286	703.07	1368	1912.56	8	2.69	66	8.13	74	10.82
<b>Union Territories:</b>												
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	37	10.66	87	9.59	124	20.25	5	0.16	15	0.97	20	1.13
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-	-	-
Delhi	378	202.66	2517	251.34	2895	454.00	14	21.42	168	31.86	182	53.28
Daman & Diu	1	0.25	2	4.25	3	4.50	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	10	1.20	10	1.39	20	2.59	-	-	-	-	-	-

Note: Data prior to 1994-95 are as extracted from the Annual Report of the Department of Company Affairs. Besides data for the year 1994-95 and 1995-96 are as supplied by Department of Company Affairs. Data for the year 1995-96 are provisional.



**Table 13.2-JOINT STOCK COMPANIES NEWLY REGISTERED BY INDUSTRIAL ACTIVITY-Concl'd.**  
**(NUMBER AND AUTHORISED CAPITAL)**

(Rs.crores)						
Year/States/U.Ts.	Industrial Code/Classification					
	Total					
	Public		Private		Total	
	No.	Authorised capital	No.	Authorised capital	No.	Authorised capital
1	62	63	64	65	66	67
<b>All India</b>						
1991-92	2293	1883.28	23852	2520.56	26145	4403.83
1992-93	3534	6260.47	21977	2479.88	25511	8740.35
1993-94	3625	5456.20	26666	3152.08	30291	8608.28
1994-95	7220	9434.96	40708	9509.36	47928	18944.32
1995-96	8728	12767.31	47598	8179.51	56326	20946.82
1996-97	5488	12057.62	37063	6986.08	42551	19043.70
<b>1996-97</b>						
<b>States:</b>						
Andhra Pradesh	549	280.43	2544	329.91	3093	610.34
Arunachal Pradesh	1	5.00	13	3.50	14	8.50
Assam	18	12.25	225	42.26	243	54.51
Bihar	184	130.38	481	55.98	665	186.36
Goa	13	9.45	207	32.67	220	42.12
Gujarat	441	206.51	2306	640.39	2747	846.90
Haryana	58	64.07	409	36.56	467	100.63
Himachal Pradesh	30	9.36	81	7.25	111	16.61
Jammu & Kashmir	16	2.79	99	16.33	115	19.12
Karnataka	155	240.85	1585	315.57	1740	556.42
Kerala	62	80.06	1044	145.63	1106	225.69
Madhya Pradesh	175	165.17	932	118.82	1107	283.99
Maharashtra	661	942.77	7727	1053.90	8388	1996.67
Manipur	3	75.10	4	0.75	7	75.85
Meghalaya	2	3.00	13	3.95	15	6.95
Mizoram	-	-	18	3.53	18	3.53
Nagaland	-	-	18	3.53	18	3.53
Orissa	64	251.13	400	55.36	464	306.49
Punjab	157	127.52	946	136.85	1183	264.37
Rajasthan	130	509.68	1406	32.34	1536	542.02
Sikkim	-	-	1	0.01	1	0.01
Tamil Nadu	661	5647.94	2863	622.68	3524	6270.62
Tripura	-	-	1	0.01	1	0.01
Uttar Pradesh	711	225.31	1206	156.08	1917	381.39
West Bengal	230	1491.78	4597	1104.68	4827	2596.46
<b>Union Territories:</b>						
A. & N. Islands	-	-	-	-	-	-
Chandigarh	154	42.29	339	33.14	493	75.43
D. & N. Haveli	2	401.00	11	3.07	13	404.07
Delhi	994	1125.78	7520	2021.29	8514	3138.07
Daman and Diu	4	6.60	8	12.05	12	18.65
Lakshadweep	-	-	-	-	-	-
Pondicherry	13	1.40	78	10.53	91	11.93

Source: Department of Company Affairs, Ministry of Finance

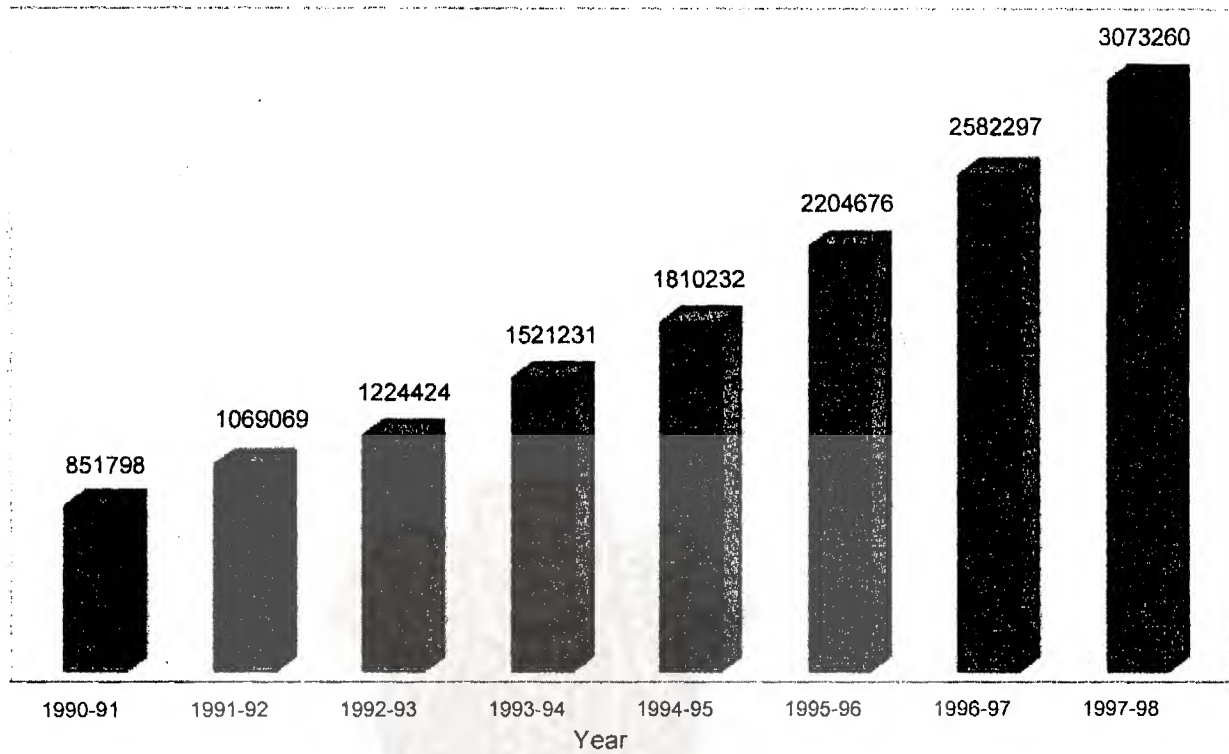
For notes, please refer to prepage.

**Table 13.3-JOINT STOCK COMPANIES CEASED TO WORK BY INDUSTRIAL ACTIVITY  
(NUMBER AND PAID-UP CAPITAL)**

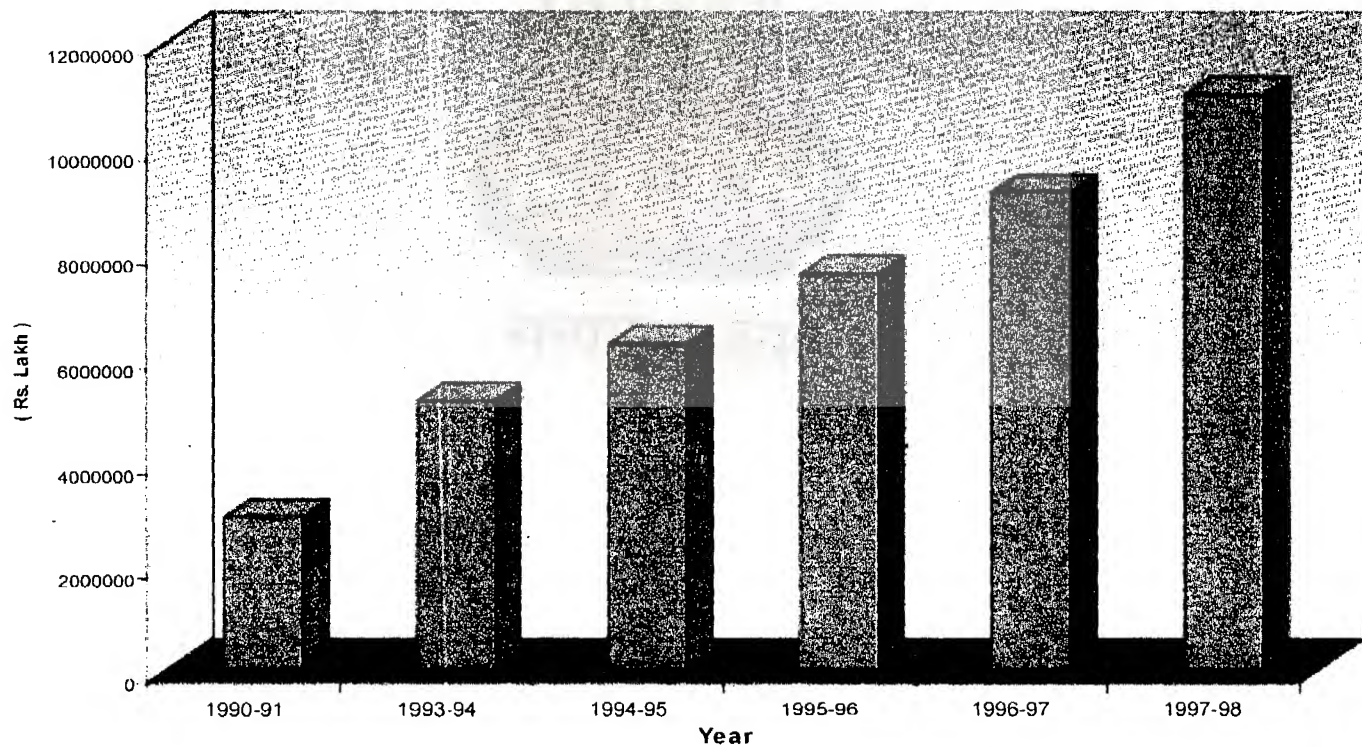
(Rs. lakhs)

Year/States/U.Ts./ Industrial Codes/ Classifications	Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	39	792.09	134	450.37	173	1242.46
1991-92	37	1986.06	164	383.39	201	2369.45
1992-93	36	699.66	98	260.46	134	960.12
1993-94	37	1613.50	222	390.27	259	2003.77
1994-95	40	1637.37	181	395.58	221	2032.95
1995-96	25	492.54	389	546.67	414	1039.21
1996-97	72	1042.93	609	3454.69	683	4497.62
<b>1996-97</b>						
<b>States:</b>						
Andhra Pradesh	-	-	-	-	-	-
Arunachal Pradesh	-	-	-	-	-	-
Assam	1	0.45	7	0.33	8	0.78
Bihar	1	6.46	-	-	1	6.46
Goa	4	-	13	8.50	17	8.50
Gujarat	-	-	-	-	-	-
Haryana	2	0.11	10	2.26	12	2.37
Himachal Pradesh	2	0.01	16	2.39	18	2.40
Jammu & Kashmir	-	-	-	-	-	-
Karnataka	2	-	13	-	15	-
Kerala	8	341.00	5	93.99	13	434.99
Madhya Pradesh	-	-	-	-	-	-
Maharashtra	-	-	22	-	22	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	1	-	1	-
Mizoram	-	-	1	0.11	1	0.11
Nagaland	1	0.01	1	-	2	0.01
Orissa	1	0.60	13	11.14	14	11.74
Punjab	10	13.67	179	61.99	189	75.66
Rajasthan	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-
Tamil Nadu	8	31.55	60	43.96	68	75.31
Tripura	-	-	-	-	-	-
Uttar Pradesh	14	-	68	-	82	-
West Bengal	6	647.58	23	79.82	29	727.40
<b>Union Territories:</b>						
A. & N. Islands	-	-	-	-	-	-
Chandigarh	6	1.69	58	8.20	64	9.89
D. & N. Haveli	-	-	-	-	-	-
Delhi	-	-	9	3132.00	11	3132.00
Daman & Diu	-	-	1	0.11	1	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	6	-	110	10.00	116	10.00

## REVENUE OF LIFE INSURANCE CORPORATION OF INDIA (Rs. Lakh)



## LIABILITIES & ASSETS OF LIFE INSURANCE CORPORATION





**Table 13.3-JOINT STOCK COMPANIES CEASED TO WORK BY INDUSTRIAL ACTIVITY - Concl'd.**  
**(NUMBER AND PAID-UP CAPITAL)**

(Rs.lakhs)

Year/States/U.Ts./ Industrial Codes/ Classifications	Public		Private		Total	
	No.	Paid-up capital	No.	Paid-up capital	No.	paid-up capital
1	2	3	4	5	6	7
<b>1996-97</b>	74	1042.93	609	3454.69	683	4497.62
0. Agriculture and Allied Activities	4	0.14	25	27.44	29	27.58
1. Mining and Quarrying	-	-	13	0.20	13	0.20
2. Food-stuffs, Textiles, Wood Products, Leather and Products thereof	16	598.44	116	56.94	132	655.38
3. Metals & Chemicals and Products thereof, Machinery and Equipments	26	353.03	215	569.37	241	922.40
4. Electricity, Gas and Water	1	6.46	6	0.10	7	6.56
5. Construction	-	-	21	11.46	21	11.46
6. Wholesale & Retail Trade and Restaurants and Hotels	2	82.61	34	1082.75	36	1165.36
7. Transport, Storage and Communication	1	-	28	14.49	29	14.49
8. Finance, Insurance, Real Estate and Business Services	20	2.25	133	1681.45	153	1683.70
9. Community, Social and Personal Services	4	-	18	10.49	22	10.49

Source: Department of Company Affairs, Ministry of Finance

Note: All India data for the years 1992-93 and 1993-94 excludes 3 and 4 Govt. companies respectively for which data on paid up capital is not available.

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## CHAPTER 14

# Insurance

Figures in this section refer to the insurance business of insurers who transacted business under the Insurance Act, 1938. The Postal Life Insurance Fund (Tables 14.4 and 14.5) is, however, exempted from the operation of the Act. From September 1, 1956, life insurance was nationalised and the then existing business of Indian insurers, and Provident Societies and Indian business of foreign insurers were vested in the Life Insurance Corporation of India.

**Table 14.1**

This table gives the revenue account of the insurance business in India. Figures are for the financial year ending 31st March except in the case of the year 1961, as L.I.C. have changed over to financial year as their accounting period, from 1st April, 1963.

**Table 14.2**

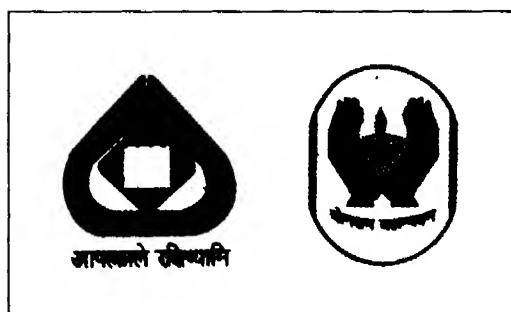
This table gives the new life insurance business by Indian Insurers during the year and total business in force at the end of the year.

**Table 14.3**

This table shows the summary of the balance-sheet of life and other classes of business of the Life Insurance Corporation of India.

**Tables 14.4 and 14.5**

The postal insurance data were available separately for



whole life and endowment policies upto the year 1963-64. As the accounts for the two have been amalgamated and are not being maintained separately from April 1964, consolidated data for whole life and endowment postal insurance, are shown in these tables from 1964-65 onwards.

**Table 14.6**

Figures for other insurers are for calendar year ending

31st December while those for Life Insurance Corporation of India are for financial year ending 31st March.

Table on General Insurance business of Non-Indian Insurers has been discontinued as the data for the table are not available after Jan. 1, 1973, when general insurance was nationalised, and the undertakings of foreign insurers were transferred to and vested in the Indian Insurance Companies.





**Table 14.1- LIFE INSURANCE REVENUE ACCOUNT OF THE  
LIFE INSURANCE CORPORATION OF INDIA**

(Rs. lakhs)

Items	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8
<b>Income</b>							
Premium for Life Insurance and Annuities/ single(including consideration for annuities granted)	27521	16088	20192	26015	103221	41649	70275
First Year's	129167	167339	194685	209422	237902	287725	338298
Renewal	403392	615297	758655	917343	1077055	1294605	1516634
Net Interest, Dividends and Rents (1)	282059	415740	532613	633619	771262	939579	1129632
Other receipts	9659	9960	15086	23833	15237	18591	18421
<b>Total</b>	<b>851798</b>	<b>1224424</b>	<b>1521231</b>	<b>1810232</b>	<b>2204676</b>	<b>2582149</b>	<b>3073260</b>
<b>Outgo</b>							
Claims by death	32786	50817	62921	70792	84879	102010	116517
Claims by survival	143459	224365	274486	342288	374591	470229	550790
Surrenders including Bonus in reduction of premium	13229	72485	34474	38689	46974	57065	76514
Annuities less re-insurance	5667	10416	12664	14879	28860	30628	38490
Bonus in cash	-	-	-	-	-	-	-
Transfer of Reserve	500	1041	2413	730	20076	(-)1686	12192
Expenses of management							
Commission to Insurance agents	54244	76956	93204	105999	119718	144670	169939
Other Expenses	75896	105887	119281	140634	175140	205715	225383
Indian Dominion and Foreign taxes	25490	41225	43192	50898	58228	58506	56306
Miscellaneous	7614\$	10541	11842	14015	16094	17170	19836
Increase to Life Insurance Fund	492913	630691	866754	1031308	1280116	1497990	1807293
<b>Total</b>	<b>851798</b>	<b>1224424</b>	<b>1521231</b>	<b>1810232</b>	<b>2204676</b>	<b>2582297</b>	<b>3073260</b>

Source: Life Insurance Corporation of India

(1) Includes refund of Income Tax.

\$ Rs.76.14 crores in 1990-91 was paid to Government of India as 5% of valuation surplus.

**Table 14.2-NEW LIFE INSURANCE BUSINESS BY INDIAN INSURERS  
AND TOTAL LIFE INSURANCE BUSINESS IN FORCE**

Year	New business		Total business in force at the end of the year	
	Sum assured	Annuities per annum	Sum assured and bonus	Annuities per annum
1	2	3	4	5
1990-91	5415117	20307	14968141	96839
1991-92	6113808	17780	17965062	113083
1992-93	6602242	3128	22120690	95270
1993-94	8074178	2782	25536200	89749
1994-95	10612067	3386	30560681	91994
1995-96	11479003	7013	36040959	98156
1996-97	11968582	74014	40922596	168100

Source: Life Insurance Corporation of India

Table 14.3- LIABILITIES AND ASSETS OF THE LIFE INSURANCE CORPORATION OF INDIA

(Rs. lakhs)						
Items	1990-91	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7
<b>Liabilities</b>						
Capital	500	500	500	500	500	500
Funds						
Life insurance funds	2840097	4966582	5997890	7278006	8775996	10583289
Other insurance funds	3852	5237	5702	6232	16558	27806
General reserve and other reserve funds	5971	10515	11079	31164	29342	41540
Profits and loss account	-	-	-	-	-	-
Investment fluctuation account	17074	17060	17060	17060	17060	17060
Outstandings						
Life insurance claims admitted or intimated but not paid	10213	17150	22623	28870	31959	31562
Other liabilities of life insurance business	74081	149758	201253	232797	272890	292640
Estimated liability in respect of outstanding claims of general insurance business	-	-	-	-	-	-
Other sums owing to insurers	48	154	148	404	474	1041
Contra accounts entry	62	62	62	62	62	-
Total	2951898	5167018	6256317	7595095	9144841	10995438
<b>Assets</b>						
Mortgage on property	362084	528082	580760	636365	677874	763141
Loans on policies within their surrender values including A.N.F. advances	118895	170162	194500	227826	278747	342671
Loans on reversions and life interest	-	-	-	-	-	-
Loans on stocks and shares	-	-	-	-	-	-
Other loans (1)	395563	764936	843797	940492	1102249	1182737
Central Govt. securities	943936	1823377	2308932	2939542	3733813	4587582
State Govt. securities	107141	288073	366548	460092	586073	738796
Foreign Govt. securities	11841	21444	27720	28613	35335	36288
Indian Municipal Port and Improvement Trust Securities	2797	1946	1749	1305	1033	690
Bonds, debentures, stocks and other Securities where an interest is guaranteed by the Indian Govt. or State Govts. (1)	230162	346140	362689	374738	380857	383826
Debentures of Indian Companies etc.	208315	295786	368558	520028	708920	914167
Preference shares of Indian Companies etc.	2416	1909	1904	1555	1545	1792
Ordinary shares of Indian companies etc.	72284	196353	317382	411350	474234	589799
Land and house property	22241	38097	41740	47220	52495	58947
Agents' balances	4313	9521	11289	13334	16208	19326
Outstanding premium	39216	71778	88125	137399	139655	156365
Amount due from other insurers	46	44	28	16	25	45
Accrued and outstanding interest, dividends and rents	105004	193454	222270	279725	347757	430863
Deposits, cash and stamps	88987	96720	157412	149400	166392	276867
Miscellaneous	236595	319134	360852	426033	441567	511536
Contra accounts entry	62	62	62	62	62	-
Total	2951898	5167018	6256317	7595095	9144841	10995438

Source: Life Insurance Corporation of India

- (1) From 1972-73 onwards, "Other loans" include "loans on personal security" and "loans to State Govts. for housing & other schemes" which were hitherto included in "bonds, debentures etc."

Table 14.4-POST OFFICE LIFE INSURANCE FUND ACCOUNT

(Rs.lakhs)

Particulars	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>I. Postal Life Insurance</b>								
<b>Receipts</b>								
Balance at the beginning of the year	63962	77617	94563	112984	134879	162734	194540	231053
Premia realised	9612	11742	13089	14838	18986	20862	24462	27338
Medical fee realised	-	-	-	-	-	-	-	-
Cost of assignment fees	-	-	-	-	-	-	-	-
Fines realised	13	13	13	14	18	22	26	21
Loans-principal	213	233	261	387	634	536	1141	1039
Loans-interest	45	60	75	91	134	50	177	169
Misc. receipts	-	-	-	-	-	-	-	316
Interest on balance	8007	9774	11748	14018	16779	20224	24132	28545
Total Receipts	81852	99439	119749	142332	171430	204428	244478	288481
Balance at the end of year	77606	94554	112984	134880	162734	194540	231053	-
<b>Payments</b>								
Policies paid (Maturity and Death)	2035	2550	2998	3324	3833	4887	6474	6973
Monthly allowance paid	-	-	-	-	-	-	-	-
Surrender value paid	649	701	1055	1408	1748	1620	2316	2314
Medical fees paid	9	9	7	7	7	9	12	15
Refunds	23	25	26	26	32	38	59	55
Refund of M.E.	-	-	-	-	-	-	-	-
Refunds of loan interest	-	-	-	-	-	-	-	-
Loan payment on principle	519	539	895	1142	1117	1190	2227	2202
Postal establishment including printing etc.	1012	1061	1785	1547	1960	2145	2339	2809
Refunds of assign non fees	-	-	-	-	-	-	-	-
Misc. charges \$	-	-	-	-	-	-	-	-
Total Payments	4247	4885	6766	7454	8697	9889	13427	14368
<b>II. Extra Premium fund</b>								
<b>Receipts</b>								
Balance at the beginning of the year(as on 1st April)	314	341	373	418	468	524	587	658
Subscriptions realised	-	-	-	-	-	-	-	-
Interest on balance	38	41	45	50	56	63	70	79
Total	352	382	418	468	524	587	657	737
<b>Payments</b>								
Postal establishment including printing etc.	-	-	-	-	-	-	-	-
Balance at the end of the year	352	382	418	468	524	587	657	737

Source: Department of Posts, Ministry of Communications

Note: Totals may not tally due to rounding off of figures.



Table 14.5-POSTAL LIFE INSURANCE POLICIES ISSUED (1)

(number: '00)  
(Rs.lakh)

Year	Balance at the beginning of the year		Issued during The year		Total		Deduct			
							Effect of conversion		By death	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	2	3	4	5	6	7	8	9	10	11
1990-91	15794	211940	1564	47626	17358	259566	-	4	24	241
1992-93	18043	309234	1513	57677	19556	366911	-	14	27	325
1993-94	19006	362272	1567	59538	20573	421810	-	6	29	376
1994-95	19916	415335	1659	69365	21575	484700	-	15	32	466
1995-96	20929	477691	1719	84310	22648	562001	-	7	35	561
1996-97	21985	554610	1374	76849	23359	631459	-	8	44	799
1997-98	22549	621582	1457	95140	24006	716722	-	10	43	851

Deduct - Concl'd.										
Year	By maturity		By surrender		By lapse and cancellation		Total		Balance at the end of the year	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
1	12	13	14	15	16	17	18	19	20	21
1990-91	235	1053	169	1371	11	113	439	2782	16919	256784
1992-93	303	1509	213	2879	7	51	550	4778	19006	362133
1993-94	322	1637	254	4041	49	413	654	6473	19917	415335
1994-95	337	1857	276	4639	1	31	646	7008	20929	477691
1995-96	393	2344	234	4472	-	6	662	7390	21986	554611
1996-97	488	3091	278	5958	-	8	810	9864	22549	621595
1997-98	462	3319	238	5872	5	132	748	10184	23258	706538

Source: Department of Posts, Ministry of Communications

- (1) The accounts of the Whole Life and Endowment Assurance Policies and Annuities were amalgamated with effect from 1st April, 1964. The figures include monthly allowance contracts issued, discharged, lapsed and surrendered during the year.

Note: Totals may not tally due to rounding off figures.

**Table 14.6- PARTICULARS RELATING TO PREMIUM DERIVED FROM FIRE, MARINE AND MISCELLANEOUS INSURANCE BUSINESS OF INDIAN INSURERS**

(Rs.lakhs)

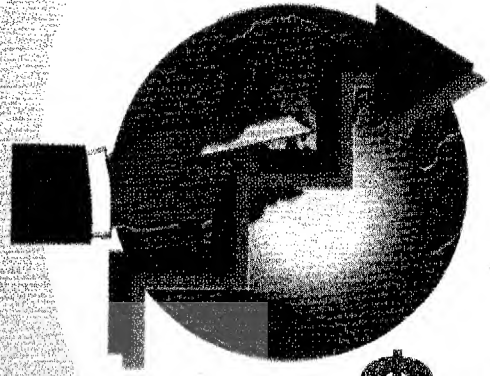
Year	Premium income included in Revenue Account							
	Fire		Marine		Miscellaneous		Total	
	In India	Outside India	In India	Outside India	In India	Outside India	In India	Outside India
1	2	3	4	5	6	7	8	9
1990-91	52789	16521	41625	5489	147503	10313	241917	32323
1991-92	70058	23085	51665	9042	172804	18359	294527	50486
1992-93	80615	25968	57277	9686	190522	22777	328414	58431
1993-94	88078	34455	59092	14467	220948	25703	368118	74625
1994-95	96720	36602	61245	12188	252226	28963	410191	77753
1995-96	124141	38734	71190	16284	313348	31916	508679	86934
1996-97	145560	32177	74505	6700	383993	30422	604058	69299

Source: Office of the Controller of Insurance

Note: The L.I.C. of India has not been transacting any general insurance business from 1.8.1973.



**Rs**



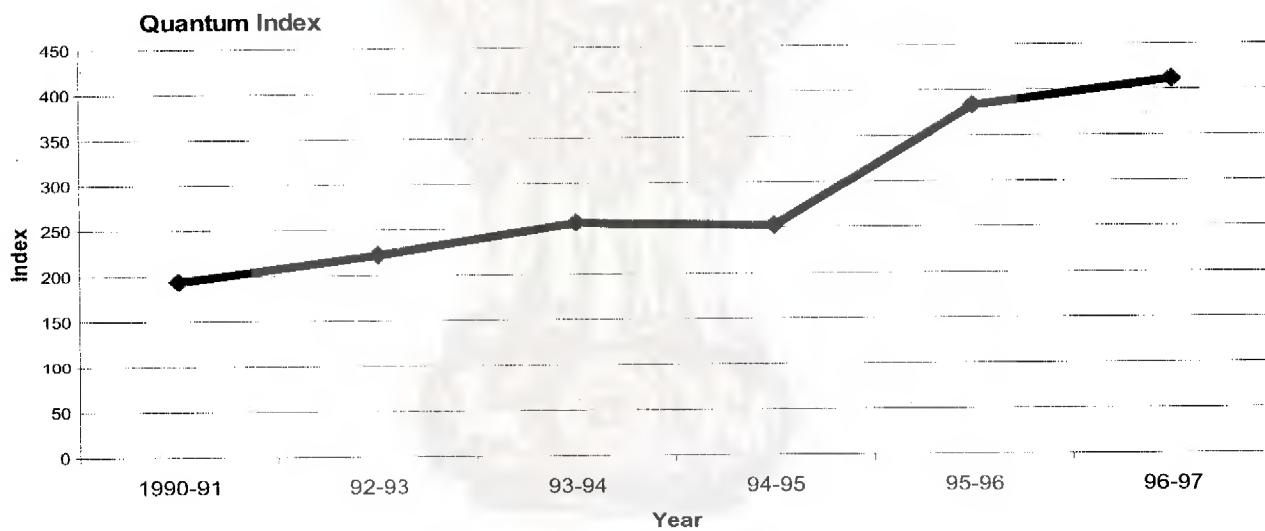
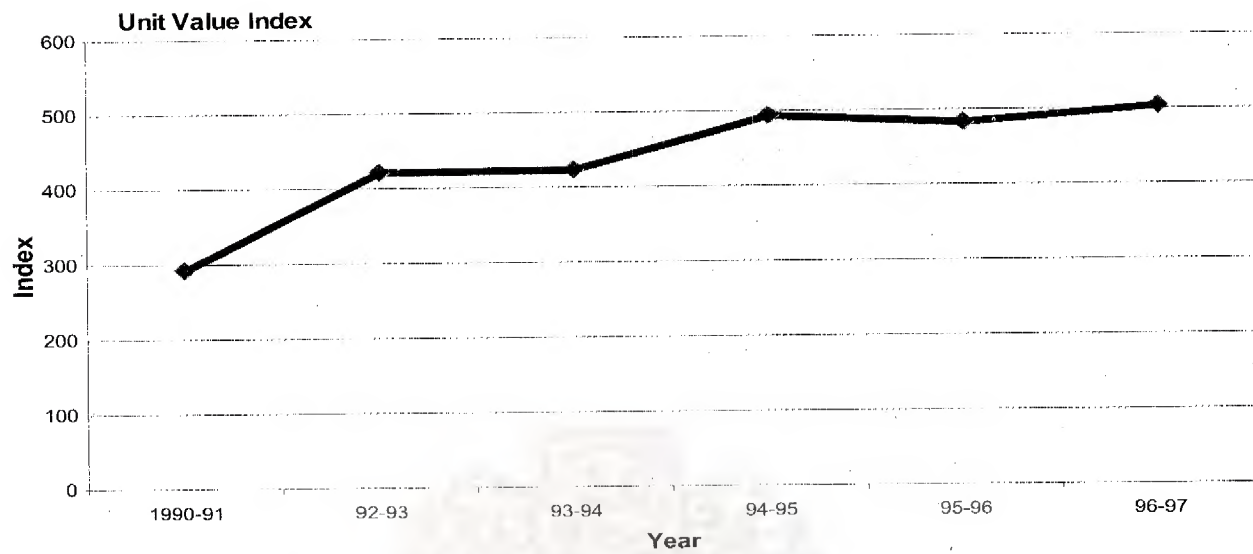
**\$**

**TRADE**

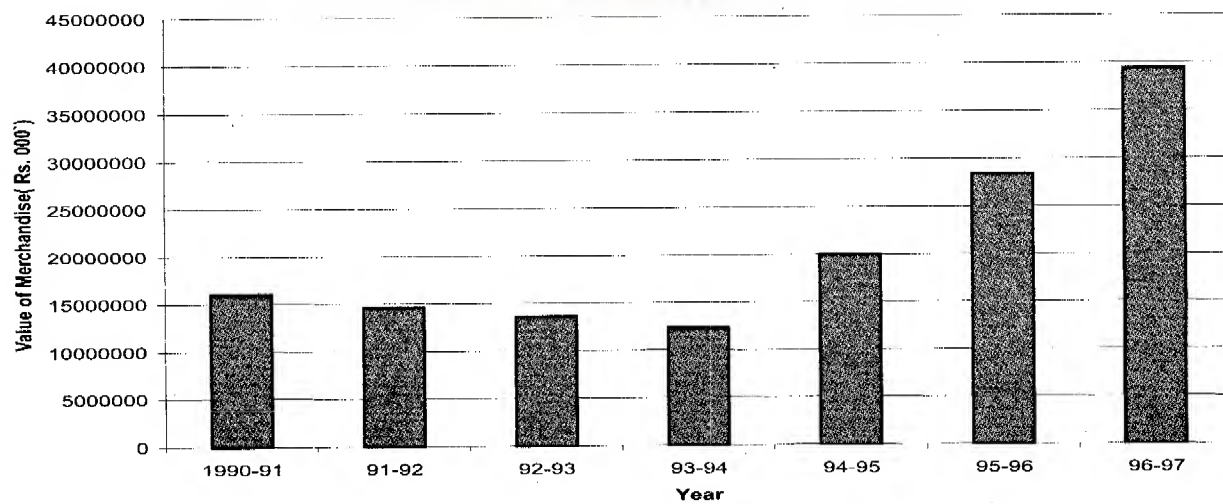




## INDEX NUMBER OF IMPORTS AND EXPORTS (Base:1978-79=100)



## COASTING TRADE



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## CHAPTER 15

# Trade

### Foreign Trade

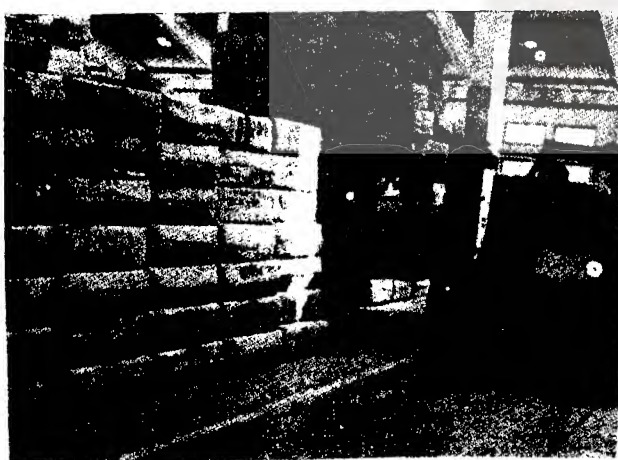
The figures represent trade with foreign countries both on private and government accounts, registered at Indian sea-ports, airports and land custom stations. Statistics are recorded on the basis of the general system of registration under which the goods arriving from abroad are first included under imports and when they are shipped again they are included under re-exports. With effect from April, 1963 trade arising in Goa, Daman & Diu, Andaman & Nicobar Islands and Lakshadweep is included. In the case of Nepal airborne trade alone was covered upto March, 1964, subsequently it covers trade both by land and air. The sources of foreign trade statistics are customs and central excise authorities. These are compiled by the Directorate General of Commercial Intelligence & Statistics from the bills of entry and shipping bills.

**Table 15.1**

From April 1948 total value of foregin trade of India by all routes (i.e sea, air and land) has been taken into account for the purpose of calculating the balance of trade. All foregin trade transactions in gold, currency notes and coins are included under treasure. Balance of trade in treasure refers to gold and silver upto December 1956 and thereafter to gold only. Trade in silver is included under merchandise after December 1956.

**Table 15.2**

The data for Imports, Exports and Re-exports given in





this table are according to the Indian Trade Classification Revision-2 adopted from April, 1977 and followed upto March, 1987. From April 1987, a new system of commodity classification known as Indian Trade Classification (based on Harmonised Commodity description and coding system) has been adopted. Data for Imports, exports and re-exports is given by section and chapters.

#### **Tables 15.3 and 15.7**

Import figures generally show the trade as declared by importers in the bills of entry (applications for clearance) and as checked by custom officials.

Goods entered for storage in bonded warehouses and afterwards exported therefrom are included under 'imports and re-exports'. Transshipment trade is not recognised for the purposes of Indian trade returns and is, thus, not included here. Direct transit trade is also excluded while indirect transit trade is included as imports first and then as re-exports.

Imports of baggage of passengers are not included since November, 1964. All dutiable articles imported from foreign countries by parcel or letter post are included. Trade in defence store is omitted with effect from October 1979. The diplomatic goods, Gold and current coins & notes, ships stores are excluded.

#### **Tables 15.4, 15.5 and 15.8**

Export figures represent actual shipments as checked by the custom officials. The figures of exports relate to Indian merchandise alone and re-exports of foreign merchandise previously imported into India. Direct transit trade, transshipment trade, passenger's baggage, ship's stores, defence stores, transaction in treasures i.e. gold and current coins & notes, diplomatic goods are excluded.

All articles despatched to foreign countries by parcel or letter post are included since 1964-65. Transactions in silver (other than current coins) and in notes & coins not in circulation or withdrawn from circulation and indirect transit trade are also included.

#### **Classification of Trade by Countries-Tables 15.3 and 15.4**

Imports are classified with reference to the countries whence they were consigned to India and not with reference to the countries whence they were shipped direct to India. The country of consignment is defined as that from which the goods have come whether by land and sea or by sea only or by air, without interruption of transit save in the course of transshipment or transfer from one means of conveyance to another. Thus the countries where goods are consigned are not in all cases the countries of actual origin of goods since goods produced in one country may be purchased by a firm in another country and thence despatched after an interval to India.

Exports are credited to the country of final destination as declared by exporters in the shipping bill whether that country possesses a sea-port or not. The country of final destination is defined as that to which goods exported from India are intended to pass whether by sea and land or by sea only or by air without interruption of transit, save in the course of transshipment or transfer from one means of conveyance to another.

The figures are those declared by importers and exporters in the bills of entry and shipping bills. The value of goods represents the wholesale cash price less trade discount for which goods (i) the like and quality are sold or are capable of being sold at the time and place of importation or exportation as the case may be without any abatement or deduction whatever, except that in the case of goods imported, of the amount of duties payable on the importation thereof, or (ii) where such price is not ascertainable the cost at which the goods of the like quality could be delivered at such place without any abatement or deduction except as aforesaid. Import valuation in practice corresponds to c.i.f. method. Export valuation is based on f.o.b inclusive of export duty and/or cess where leviable.

#### **Table 15.6**

This table gives data on the value of merchandise trade for the years 1990-91 onwards according to revised economic regions. The regions are as follows.

Region 01: East African Community (EAC)  
Kenya; Tanzania, United Republic of; Uganda.

Region 02: Organisation Commune Africaine El  
Malagache (OCAEM)

Benin (Dahomey); Cameroon, United Republic of;  
Central African Republic; Chad; Congo (People's  
Republic of Congo); Gabon; Ivory Coast; Malagasy  
Republic (Madagascar); Mauritania; Mauritius; Niger;  
Rwanda; Senegal; Togo; Burkina Faso (Upper Volta);  
Zaire, Republic of.

Region 03: Organisation of African Unity (OAU)

Angola; Botswana; Burundi; Canary Islands; Cape Verde  
Islands; Camoros, Eithiopia; Equatorial Guinea; French  
Southern and Antarctic Territories (TAAF); French  
Territory of the AFARS of ISSAS (Presently Djibouti);  
Gambia; Ghana; Guines; Guinea Bissau; Lesotho;  
Liberia; Malawi; Mali; Namibia (South West Africa);  
Nigeria; Mozambique; Reunion; Sao Thome & Principe;  
Seychelles; Sierra Leone; Somalia; St. Helena of  
Ascension; Swaziland; Democratic Saharwi Arab  
Republic and Zambia.

Region 04: Other African Countries (OAC)

Algeria; Egypt Arab Republic of; Libya; Morocco  
(including Tangier); (Rhodesia) Zimbabwe; South Africa;  
Sudan and Tunisia.

Region 05: North America

Canada; Greenland; St. Pierres and Miquelon; United  
States of America.

Region 06: South America

Argentina; Bolivia; Brazil; Chile; Columbia; Equador;  
Paraguay; Peru, Uruguay and Venezuela.

Region 07: Caribbean Common Market (CARICOM)

Antigua; Bahamas; Barbados; Belige; Dominica;  
Grenada; Guyana; Jamaica; Montserrat; St. Ritts-Nevis-  
Anguilla; St. Lucia; St. Vincent; Trinidad and Tobago.

Region 08: Central American Common Market (CACM)

Coasts Rica; El Salvador; Guatemala; Honduras;  
Nicaragua.

Region 09: Other Central American and Caribbean  
Countries (OCACC)

American Samoa; Bermuda; British Virgin Islands;  
Cayman Islands; Cuba; Dominican Republic; Falk  
Islands; Guadeloupe (Formerly French West Indies); Haiti;  
Martinique; Mexico; Netherlands Antillies; Panama  
excluding Canal Zone (Panama Republic); Panama Canal  
Zone; Puerto Rico; Surinam; Turks and Caicos Islands  
and Virgin Islands of U.S.

Region 10: ESCAP Countries

Afghanistan; Australia; Bangladesh; Brunei; Burma;  
China, People's Republic of; Christmas Islands; Cooks  
Islands; Fiji Islands; Gilbert (Kiribati Republic) Islands;  
Hong Kong; Indonesia; Iran; Japan; Kampuchia  
Democratic Republic (Formerly Khemer); Korea,  
Republic of; Loas People's Democratic Republic,  
Malasia; Mayanmar; Mongolia; Nauru, Republic of;  
Nepal; New Zealand; Pakistan; Papua and New Guinea;  
Philippines; Singapore; Solomon Islands; Sri Lanka;  
Thailand; Tonga; Tuvalu (formerly Ellice Island);  
Vietnam, Socialist Republic of; and Western Samoa.

Region 11: Economic Commission for West Asia,  
(ECFWA)

Bahrain Islands; Iraq; Jordon; Kuwait; Labanon; Neutral  
Zone; Oman; Qatar; Saudi Arabia, Syrian Arab  
Republic; United Arab Emirates (formerly Trucial States  
of Abu Dhabi, Dubai, Sherjah etc.); Yemen People's  
Democratic Republic of; Yemen Arab Republic.

Region 12: Other Asian and Oceanian countries and  
Antarctic and Arctic Region (OAOAAC)

China; Republic (formerly Formosa); Cocos Islands;  
French Guiana; French Polynesia (Oceania) Guam;  
Israel; Korea, Democratic Peoples' Republic; Macau;  
Maldiv Islands; New Caledonea; New Hebrides; Niue  
Island; Norfolk Island; Pacific Islands (Trust Territory of);  
Pitcairn Islands; Portuguese Timor; Tokeleu Islands, and  
Wallis & Futuna Islands.

Region 13: European Common Market Countries (ECM)

Belgium; Denmark; France; Germany, Federal Republic of; Greece; Ireland; Italy; Luxemburge; Netherlands; United Kingdom; (w.e.f April 1987) & Spain and Portugal (w.e.f. April 1987).

Region 14: European Free Trade Area Countries (EFTA)

Austria; Faeroe Islands; Finland; Iceland; Norway; Sweden, and Switzerland.

Region 15: East European Countries (EAEC)

Bulgaria; Czechoslovakia; Hungary; Poland; Rumania, U.S.S.R. and Yugoslavia (w.e.f. April 1987).

Region 16: Other European Countries (OEC)

Albania; Andorra; Channel Islands; Cyprus; Gibraltar; Liechtenstein; Malta; Turkey

### Index Numbers of Quantum and Unit Value of Exports and Imports

#### Tables 15.9 and 15.10

Many significant changes took place in the pattern of Indian foreign trade since 1958 and particularly from 1980. New commodities entered into the exports and many other items which were insignificant earlier gained importance. The commodity composition of imports, too, changed with the changing needs of the country. In view of changing pattern of foreign trade, the base period was further changed to 1978-79 from 1968-69 and the corresponding commodities basket was revised.

#### Scope and coverage

In order to ensure adequate coverage of trade for the new series of index numbers, the number of items included in case of exports and imports has been increased to 738 and 623 respectively as against 489 and 511 in the old series. The coverage of revised commodity basket accounts for 85 per cent of the value of exports and imports for the year 1978-79.

#### Method of Construction

As in the case of old series, the revised Index Numbers are of the fixed base type. The Unit Value (price) Index

numbers are calculated according to the Paasche formula and the Quantum Index Numbers according to the Laspeyres formula; these are, however, not computed separately but are derived from the former indices i.e. Unit Value Index Numbers.

The method of calculation of Unit Value Indices briefly consists of comparing the trade in the current period with that valued at base period prices. Symbolically, the Unit Value Index Number is given by the formula:

$$P = \frac{\sum P_n q_n}{\sum P_o q_n}$$

Where  $P_o$  and  $P_n$  denote the unit value of an article in the base period and the current period respectively and  $Q$  the quantity traded in the current periods.

As mentioned above, the Quantum Indices ( $Q$ ) are derived from the unit value indices as follows:

$$Q = \frac{\sum P_n q_n}{\sum P_o q_o}$$

where  $Q_o$  denotes the quantity in the base period.

#### Adjustment for Incomplete Coverage

It is not possible in practice to include all the commodities entering in trade since information on quantities are lacking for many miscellaneous items in the trade records. Such items cannot be included in the cross valuations and hence do not appear directly in the compilation of Index Numbers. Adjustments have, therefore, been made in the final Index Numbers to allow for incomplete coverage. These adjustments are based on the assumption that the price changes in the items not covered in a section are similar to those shown by the items included in the calculation for the section. The method of adjustments can be explained symbolically as below:

The Unit Value Index ( $P_i$ ) for the included items in the  $i$ th section is given by the formula:

$$P_i = \frac{\sum p_n q_n}{\sum p_o q_n}$$

Where  $\Sigma$  = Summation over all included items in  $i$ th section.



The adjusted unit value index for all the items of the  $i$ th section will be

$$P_i = \frac{\sum_i p_n q_n}{\sum_i p_o q_n}$$

Where  $\sum_i$  = Summation over all items in the  $i$ th section. The adjusted General Index number  $P'$  will be

$$P' = \frac{\sum_{i=0}^n (\sum_i' p_n q_n)}{\sum_{i=0}^n (\sum_i' p_o q_n)}$$

While the aggregate  $\sum_i p_n q_n$  is known, the aggregate  $\sum_i$  is unknown and it cannot be computed directly. It is, therefore, estimated on the assumption that the price changes for the covered items and for all the items in a section are the same. In other words,  $P_i = P_i$  or

$$\frac{\sum_i' p_n q_n}{\sum_i' p_o q_n} = P_i$$

$$\text{So } \sum_i' p_o q_n = \frac{\sum_i' p_n q_n}{P_i}$$

$$\sum_i' p_n q_n = \frac{\text{Total value of all item in the } i\text{th section}}{\text{Unadjusted Unit Value Index for the } i\text{th section}}$$

The adjusted General Unit Value Index Number  $P'$  is obtained by substituting the above value of  $\sum_i' p_o q_n$  in equation (1).

Quantum Indices are similarly adjusted for incomplete coverage by using the adjusted Unit Value Index  $P_1$  instead of the unadjusted Index occurring in the formula for deriving the Quantum Indices. Linking of the old and revised series

The linking of the new series of index numbers  $I$  (new) with the old series  $I$  (old) would be possible by the application of the formula given below:

$$I(\text{old}) = K I(\text{new})$$

$$\text{where } K = \frac{\sum I(\text{old})_i}{\sum I(\text{new})_i}$$

An empirical study has demonstrated that this formula gives more precise results than the other formulae meant for this purpose.

$$(i) I(\text{old}) = C I(\text{new}) \text{ where } C = \frac{1}{n} \sum_{i=1}^n \frac{I(\text{old})}{I(\text{new})}$$

and  $C I(\text{new})$   $n$  = number of years of data used

$$(ii) I(\text{old}) = a + b I(\text{new}) \text{ where } b = \frac{\text{Cov}[I(\text{old})I(\text{new})]}{\text{Var}[I(\text{new})]} \text{ and}$$

## Coastal Trade

### Tables 15.11 and 15.12

Coasting trade statistics represent the inland trade registered at the ports in the States, that is, the trade between one State on one side and all other States on the other. The trade among ports within the same state has been stated as internal trade within the same maritime block.

The following Maritime Blocks each of which corresponds to a Maritime State or Union Territory have been adopted from April, 1957:

(1) West Bengal, (2) Orissa, (3) Andhra Pradesh, (4) Tamil Nadu, (5) Kerala, (6) Karnataka, (7) Bombay, (8) Andaman and Nicobar Islands and (9) Lakshadweep.

Further, consequent on bifurcation of Bombay State into two corresponding maritime blocks (1) Maharashtra and (2) Gujarat are being shown from April, 1961. Pondicherry has been adopted as a maritime block with effect from the same date and Goa, from April, 1963. These are that 12 maritime blocks had in respect of each of which coastal trade is recorded from April, 1963.

In pursuance of Government orders with effect from April, 1964 coastal trade statistics are being compiled on import basis from daily trade returns received from the ports open to coastal trade. Export figures are being derived from import data, as imports into one port represents the exports from other ports.

## Inland Trade

**Table 15.13**

**Nature and scope-**Inland Trade Statistics represent the movement of assignments pertaining to 78 items by railways and on steamer service, from and into a State taken as a whole or a chief port or ports, the trade of which is registered separately from that of the state in which such port or ports may be situated. Movement of trade by other means (e.g. road, air, country boats etc.) is thus excluded from the scope of these statistics.

**Trade Block-** Prior to April, 1962 there were 29 Trade Blocks. The list has since been amplified with a view to taking into account the bifurcation of the erstwhile Bombay State into Gujarat and Maharashtra. It was further amplified in April, 1965 to provide for separate formation of Nagaland. For the purposes of accounts, and as from April, 1965, India is divided into 31 Trade Blocks, representing the States and Union Territories except Andhra Pradesh, Gujarat, Kerala, Tamil Nadu, Maharashtra, Karnataka and West Bengal which have been constituted into more than one Trade Block. The Reorganisation of the Punjab and Himachal Pradesh has been given effect from April, 1967. Chandigarh is shown as a separate Trade Block since April 1967.

Further, a new trade block of Kandla was introduced in April, 1975 and three more trade blocks namely Meghalaya, Arunachal Pradesh and Mizoram were introduced in April, 1976. Thus number of trade blocks stood 38 in April, 1976.

**Method of Registration-** The figures from April, 1965 onwards represent actual exports from each trade block. According to arrangement in force, each of the railways and the steamer companies registers such traffic as is despatched from stations on its line within a particular trade block to other trade blocks. Prior to April, 1965 these figures were recorded on imports' basis. In case of Tripura, however, there is no railway or steamer station or out-agency within the trade block, and special arrangements have been made to record the trade. The trade of this block is recorded by the following agencies:

- (1) in respect of trade via the Bangladesh Railway by certain land and customs stations on the Tripura Bangladesh border;

- (2) in respect of trade via Patharkandi station on the Assam-Tripura border, by the North East Frontier Railway.

**River borne trade-** The statistics upto the period ending August, 1965 cover only the trade carried by the River Steam Navigation Co. Ltd. between the trade blocks mentioned below.

- (1) Calcutta
- (2) Assam
- (3) West Bengal (excluding Calcutta)

No account is taken of (a) trade carried by other steamer owners or boat-owners between these trade blocks or (b) river borne trade between other trade blocks.

For the purposes of registration, trade originating in a railway and transhipped, through booking arrangements, at a railway station to a steamer for conveyance to a river station, is treated as carried wholly by rail. The above company, however, suspended its steamer service from September, 1965. Thus the statistics relate only to rail-borne trade from September, 1965 to 1971-72, thereafter i.e. from 1972-73 the Central Inland Water Transport Corporation Ltd., Calcutta, are furnishing statistics in respect of river borne trade between the above mentioned blocks.

**Articles and Units of measurement-** The trade in certain staple articles only is recorded and the weight recorded is the net weight i.e., the gross weight entered in the invoices less certain fixed percentage which have been taken to represent the weight of packing etc. From 1978-79 the weight recorded is the Gross weight. Values are not recorded. Figure of oilseeds represent the trade in the following varieties: (1) castor, (2) cottonseed, (3) groundnut, (4) linseed, (5) rape and mustard, (6) til (jinja). Cotton Piecegoods include both Indian and foreign. Jute raw includes both loose and pucca bales. Raw cotton figures do not make distinction between ginned and unginned.

**Period-** Figures relate generally to the financial year April-March, but in the case of raw cotton figures relate to the year September-August.

**Table 15.1-FOREIGN TRADE : OVERALL TRADE IN MERCHANDISE AND TREASURE**

(Rs. lakhs)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>Merchandise</b>							
Imports (Foreign merchandise)	4319286	4785084	6337451	7310101	8997066	12267814	13891968
Exports (Indian merchandise)	3240565	4397591	5360539	6965583	8260872	10619013	11858824
Re-Exports (Foreign merchandise)	14769	6590	8286	9556	6539	16321	22884
Total exports	3255334	4404181	5368825	6975139	8267411	10635334	11881708
Balance of trade	-1063952	-380903	-968626	-334962	-729655	-1632480	-2010260
<b>Treasure</b>							
Imports							
Gold	447	11159	3367	1254	35	663	262
Currency notes(1)	148	-	137203	4510	17	42	930
Total	595	11159	140570	5764	52	705	1192
Exports(2)							
Gold	-	-	-	-	-	-	-
Currency notes(1)	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-
Balance of trade(3)	-447	-11159	-3367	-1254	-35	-663	-262
Visible balance of trade	-1064399	-392062	-1109196	-340726	-729690	-1633143	-2010260

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.

- (1) Includes Government of India coins.  
 (2) Includes re-exports.  
 (3) With respect to gold only.



Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports
1	2	3	4	5	6	7	8	9	10	11
<b>Section I-Live animals;animal products</b>	922	116856	3545	301535	5704	406705	11705	416487	4628	496336
01 Live animals	177	43	261	459	315	265	349	869	293	692
02 Meat and edible meat offal	2	13972	7	34394	-	39460	-	61605	22	69274
03 Fish and crustaceans,molluscs and other aquatic invertebrates	2	95035	419	252419	309	350220	2732	334891	1689	396129
04 Dairy produce; birds'eggs; natural honey; edible products of animal origin, n.e.s.	376	450	1771	2155	3146	4662	6352	5062	561	11760
05 Products of animal origin, n.e.s or included	365	7356	1087	12108	1934	12098	2272	14060	2063	18481
<b>Section II-Vegetable products</b>	92959	315193	164570	567095	181082	640217	206288	1186434	3509	1153044
06 Live trees & other plants; bulbs, roots & the like; cut flowers and ornamental foliage	10	787	314	1884	1102	3084	2712	6014	94197	6340
07 Edible vegetables and certain roots and tubers	54163	14911	59599	31340	62492	39577	70983	55142	114363	57321
08 Edible fruits & nuts; peel of citrus fruit or melons	24009	54594	70057	130375	100473	153023	109121	157694	8744	166477
09 Coffee, tea mate & spices	2040	149830	5749	192654	4198	234094	6701	299043	40427	305500
10 Cereals	6180	49548	18102	132093	927	127615	1067	495180	461	391945
11 Products of the milling industry, malt,starches,intulin,wheat glanten	59	105	61	1110	237	1349	221	36179	4496	56881
12 Oil seeds & oleaginous fruits,misc. grains,seeds & fruits,industrial or medicinal plants,straw & fodder	1649	28282	3269	41756	4278	45033	6875	79305	10173	94843
13 Lac,gums, resins & other vegetable products not elsewhere specified or included	4818	13758	7215	32114	7156	32017	8311	52468	404	68367
14 Vegetable plaiting materials, vegetable products not elsewhere specified or included	32	3378	204	3769	219	4425	297	5409	306918	5370
<b>Section III- Animal or vegetable fats, oils and their cleavage products, animal or vegetable waxes</b>	36426	8763	34599	32863	87652	49761	255023	90030	306918	69469
15 Animal or vegetable fats & oils and their cleavage products; animal or vegetable waxes	36426	8763	34599	32863	87652	49761	255023	90030	49901	69469

Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION - Contd.

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports
1	2	3	4	5	6	7	8	9	10	11
<b>Section IV-Prepared foodstuffs; beverages and tobacco</b>	17290	104600	399166	630944	567211	641961	453407	951631	18	622486
16 Preparations of meat of fish or of crustaceans, molluscs or other aquatic invertebrates	1	106	5	860	113	1453	15	1147	2434	2819
17 Sugars and sugar confectionery	1634	3872	1889	18370	229753	7006	23316	52874	2434	109548
18 Cocoa and cocoa preparations		309	238	255	490	725	2026	891	3766	993
19 Preparations of cereals, flour, starch or milk; pastry-cooks' products	12084	2191	10945	6338	8136	6894	6890	10387	8260	10915
20 Preparations of vegetables, fruit, nuts or other parts of plants	5	2972	4	8650	87	10677	298	13792	158	11053
21 Miscellaneous edible preparations	1890	4595	14585	14654	21010	17828	17648	33490	18577	37307
22 Beverages, spirits and vinegar	1004	3251	1204	4614	2793	4679	4093	4585	2906	20193
23 Residues and waste from the food industries; prepared animal fodder	500	60965	6575	234685	15004	182857	9773	236974	11578	353981
24 Tobacco and Manufactured tobacco substitutes	173	26339	672	46120	958	25475	1755	44682	2204	75677
<b>Section V-Mineral products</b>	1280721	244473	2095370	392499	2320383	414771	3112459	482194	4251511	501764
25 Salt; sulphur, earths and stone, plastering materials, lime and cement	81726	32878	86367	81954	123700	100370	145128	104673	122627	112956
26 Ores, slag and ash	20159	116796	24887	155172	55714	153415	63605	201447	58961	205565
27 Mineral fuels, mineral oils & products; bituminous substances; mineral waxes	1178836	94799	1984116	155373	2140969	160986	2903726	176074	4069923	183243
<b>Section VI- Products of the Chemical or Allied Industries</b>	469560	254870	841104	493925	1178331	647916	1675412	822513	1567357	36753534
28 Inorganic chemicals; compounds of precious metals, of rare-earth metals, of radio-active of radio-active elements or isotopes	85793	30717	154178	48050	239447	50256	291213	69272	325186	83170
29 Organic chemicals	158977	45280	333378	130606	497308	199772	665811	278476	700741	352542
30 Pharmaceutical products	28181	76759	20025	133738	21804	157971	35018	203273	22834	238544
31 Fertilizers	114133	23	198159	1368	240951	7126	462116	9519	243438	8415
32 Dyeing, tanning and colouring matter	16874	42384	28719	96982	43990	119812	51139	121300	60360	155612
33 Essential oils and resinoids; cosmetic and other similar preparations	7949	28036	5315	31668	6897	41851	8254	43356	9439	52581
34 Soap & other similar preparations; polishes & creams; candles and the like, dental waxes & preparations	6282	15996	11661	16284	16298	17549	21032	14367	22899	12363
35 Albuminoidal substances; modified starches; glues; enzymes	3216	272	4413	1465	5692	1867	7089	3585	7144	6211

**Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION - Contd.**

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports
1	2	3	4	5	6	7	8	9	10	11
36 Explosives; matches; certain combustible preparations	192	445	245	2182	221	3285	396	3824	343	6256
37 Photographic or cinematographic goods	19533	1849	34495	3244	44504	4318	53551	5259	53336	6895
38 Miscellaneous chemical products	28431	13108	50516	28337	61221	44109	79794	70282	121637	92702
<b>Section VII-Plastics &amp; Rubber</b>	147807	39125	197064	161358	269628	214424	424909	263014	393060	262364
39 Plastics and articles thereof	115060	14267	144590	78610	211818	119735	317569	155504	296311	142517
40 Rubber and articles thereof	32747	24857	52474	82748	57810	94689	107340	107510	96749	119847
<b>Section VIII-Hides &amp; Skins; Leather Products; Furskins &amp; Articles thereof</b>	19513	174758	36352	279714	39691	354150	46800	407288	50775	386555
41 Raw hides and skins (other than furskins) and leather	19226	81186	35232	84778	37070	120144	44162	124199	46746	106908
42 Articles of leather, saddlery harness and harness and animal gut	129	93517	252	194936	411	234006	778	283089	1542	279626
43 Furskins and artificial fur, manufactures thereof	158	56	868	-	2210	-	1860	-	2487	21
<b>Section IX-Wood, Cork and Articles thereof manufacture of Plaiting Materials; Plaiting Materials; Basketware &amp; Wickerwork</b>	45974	2608	45422	15817	70937	13897	84323	12525	96668	15164
44 Wood & articles of wood; wood charcoal	45485	2567	45003	15685	70345	13674	83594	12210	95973	14832
45 Cork & articles of cork	488	29	418	59	592	55	723	84	689	64
46 Manufactures of plaiting materials; basketware & wickerwork	-	13	1	73	-	168	6	231	6	268
<b>Section X-Paper-Board and Articles thereof</b>	104264	6010	140196	17700	162136	31611	280763	50501	289529	51448
47 Pulp of wood or of other material; waste & scrap of paper or paperboard	45798	9	49733	67	63535	103	92083	86	82270	241
48 Paper and paperboard; articles of paper pulp, of paper and paperboard	45604	2487	69596	10147	77305	21894	158248	37934	176791	36032
49 Printed books & other products of printing industry	12862	3514	20867	7486	21296	9614	30432	12481	30468	15175
<b>Section XI-Textile and Textile Articles</b>	89608	889124	169870	1796331	296325	2257098	325955	2719864	277976	3221751
50 Silk	12278	20774	30515	35710	39523	40503	36969	42157	29717	13656
51 Wool, fine or coarse animal hair	23937	1278	41763	13272	43514	16462	60527	18165	71754	35229
52 Cotton	5719	237288	7836	422837	57002	535658	60254	666807	12842	1003310
53 Other vegetable textile fibres; paper yarn and fabrics	2959	20542	7772	24876	11171	37078	7215	38515	9467	39172



**Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION - Contd.**

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports
1	2	3	4	5	6	7	8	9	10	11
54 Man-made filaments	22554	30033	31198	81203	44933	123024	40751	138850	31669	123260
55 Man-made staple fibres	7760	14029	21399	42135	56167	59969	62468	103761	53002	113196
56 Wadding, felt and nonwovens; special yarns; twine, cordage, ropes and cables and articles thereof	1805	1054	3924	4595	6218	6200	8398	8523	9681	10286
57 Carpets and other textile floor coverings	-	81137	23	189483	139	191383	274	208934	575	231329
58 Special woven fabrics; tufted textile fabrics; lace; tapestries; trimmings; embroidery	915	3683	2830	13184	6523	12717	5831	11122	4986	14505
59 Impregnated, coated & laminated textile fabrics; textile articles for industrial use	3754	3195	12383	8988	15470	9676	26761	13382	38227	19843
60 Knitted or crocheted fabrics	1611	12997	1102	15690	1541	22897	2738	23089	2302	20890
61 Articles of apparel and clothing accessories, knitted or crocheted	89	105198	309	236999	415	261128	346	325238	570	367067
62 Articles of apparel and clothing accessories, not knitted or crocheted	9	296073	222	574188	163	769413	258	904292	590	965416
63 Other made up textile articles; sets; worn textile articles; rags	6221	61842	8594	133171	13546	170990	13165	217029	12594	264592
<b>Section XII-Footwear,Headgear, Umbrellas</b>										
<b>Prepared Feathers &amp; Articles thereof</b>	3509	92830	8141	158507	9705	179908	13009	203598	10938	209304
64 Footwear, gaiters and the like; parts of such articles	2380	91944	6780	156168	6684	176939	8745	198696	6204	203288
65 Headgear and parts thereof	2	338	8	1059	31	1056	56	943	40	901
66 Umbrellas, walking & seat sticks; whips, riding crops & parts thereof	1122	37	1342	429	2948	321	4180	287	4648	190
67 Prepared feathers & down with articles,artificial flowers; articles of human hair	5	511	11	851	42	1592	28	3672	46	4925
<b>Section XIII-Stone, Cement and similar Materials; Ceramic Products;</b>										
<b>Glass &amp; Glassware</b>	20206	14051	27962	55460	42123	82243	50489	108677	45786	115637
68 Articles of stone, plaster,cement, asbestos, mica or similar materials	3298	8257	5451	34798	7220	52206	9618	66499	8506	79704
69 Ceramic products	6046	2195	8078	8686	11577	11699	13636	13375	12236	13851
70 Glass & glassware	10862	3598	14433	11976	23326	18338	27235	28803	25044	22082

Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION - Contd.

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports
1	2	3	4	5	6	7	8	9	10	11
<b>Section XIV-Pearls, Precious or Semi-Precious Stones/Metals and Articles thereof:</b>										
<b>Jewellery &amp; Coin</b>	375894	525251	911000	1258088	743583	1417745	1010417	1769478	1408963	10219
71 Pearls, precious or semi-precious stones/metals and articles thereof; imitation jewellery & coin	375894	525251	911000	1258088	743583	1417745	1010417	1769478	1408963	10219
<b>Section XV-Base Metals &amp; Articles of Base Metal</b>										
72 Iron & steel	259109	36435	244001	215810	437088	194219	545355	281284	533313	307180
73 Articles of Iron & steel	65373	49803	104779	112214	92887	124171	119737	153060	152001	190139
74 Copper & articles thereof	82413	5803	122883	14880	148246	19098	208361	23037	264321	24081
75 Nickel & articles thereof	14766	156	17222	335	27259	499	39919	803	31650	1576
76 Aluminium & articles thereof	12865	17653	25154	43698	61566	54199	86408	52564	116944	73702
78 Lead & articles thereof	6918	192	4880	174	8630	839	8645	1150	12352	1277
79 Zinc & articles thereof	22620	89	8234	778	11465	2395	22063	339	36403	1834
80 Tin & articles thereof	3234	479	5161	501	7822	977	6526	1816	12032	6767
81 Other base metals; cement; articles thereof	6170	84	10222	256	13949	871	18061	1644	19833	1728
82 Tools and their parts of base metal	8232	15823	20129	34920	20762	37616	24998	50510	31880	54491
83 Miscellaneous articles of base metal	2427	5847	4162	18468	5555	20233	7989	26634	10750	29133
<b>Section XVI-Machinery &amp; their Parts, Electrical &amp; Electronic Equipment, Parts thereof</b>										
84 Nuclear reactors, boilers, machinery and mechanical appliances; parts thereof	398598	115773	674850	196826	931676	228660	1413415	287510	1512998	371223
85 Electrical machinery & equipment & parts thereof; sound & TV recorders & reproducers & parts thereof	183725	54729	274998	111517	411000	156260	698542	245655	566025	304408
<b>Section XVII-Transport Equipment</b>										
86 Railway/tramway locomotives, truck etc.; equipment and parts thereof	13936	7853	9830	8617	5175	8025	16787	3933	47832	5539
87 Road vehicles and parts	52183	56559	70021	174858	92051	228202	155779	302722	205696	320096
88 Aircraft, spacecraft and parts	52580	1471	293337	1774	230048	2563	163165	2461	178390	2553
89 Ship, boat & floating structure	48333	6459	25456	410	22610	3388	34728	144	95628	14771
<b>Section XVIII-Instruments &amp; Apparatus; clocks &amp; Watches; Parts &amp; Accessories thereof</b>										
	108357	15128	144205	25181	169459	31030	252606	40198	214312	51674

Table 15.2-FOREIGN TRADE:INDIA'S FOREIGN TRADE BY CHAPTERS AND SECTION - Concl'd.

(Rs.lakhs)

Sections and Chapters	1990-91		1993-94		1994-95		1995-96		1996-97	
	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports	Imports	Exports & Re-exports
1	2	3	4	5	6	7	8	9	10	11
90 Optical, Measuring, medical & similar instruments & parts thereof	103065	13424	138947	17912	163999	20702	242947	26974	201518	36448
91 Clocks and watches and their parts	5191	449	4925	5269	5096	7719	8868	10092	11261	11692
92 Musical instruments; parts and accessories	101	1255	333	2000	364	2609	791	3132	1533	3534
<b>Section XIX-Arms and Ammunition:Parts and Accessories thereof</b>	28	48	30	212	34	127	167	108	177	357
93 Arms and ammunition; parts and accessories thereof games	28	48	30	212	34	127	167	108	177	357
<b>Section XX-Miscellaneous Manufactured Articles</b>	5492	11380	9742	34311	15857	45813	25116	56350	24880	62963
94 Furniture, Bedding and allied articles, lighting fittings nes, illuminated articles: prefabricated buildings	445	972	928	3977	2018	4749	7282	5734	6241	6527
95 Toys, games & sports requisites;parts and accessories thereof	937	6094	815	12841	2598	18599	4422	21566	5288	24503
96 Miscellaneous manufactured articles	4110	4314	7999	17493	11241	22465	13412	29050	13351	31933
<b>Section XXI-Works of Art, Collector's Pieces and Antiques</b>	2	131	18	340	43	458	57	562	141	564
97 Works of art, collectors'pieces and antiques	2	131	18	340	43	458	57	562	141	564
98 Project goods: some special uses	255112	16118	509086	4486	582018	6749	799783	10863	752011	18686
99 Miscellaneous goods	12159	48808	20389	109134	16242	132979	56241	160556	41578	179732
<b>Grand Total</b>	4319286	3255334	7310101	6975139	8997066	8267411	12267814	10635334	13891968	11858824

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce

Note: Totals may not tally due to rounding off the figures.



**Table 15.3-VALUE OF IMPORTS OF MERCHANDISE INTO INDIA  
BY PRINCIPAL COUNTRIES OF CONSIGNMENT**

(Rs. lakhs)

Countries	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
Argentina	11838	9317	8123	14368	22924	43864	71457	47615
Australia	146356	144458	242731	206802	287345	341834	467606	556114
Austria	15796	16886	26695	15687	18154	38506	49734	22980
Bahrein Islands	46231	85459	114828	170295	217879	287655	318793	225390
Bangladesh	3129	1406	2233	5607	11982	28722	22091	19005
Belgium	271767	342153	529077	588050	378886	569275	799348	907442
Brazil	43764	48304	52919	39292	172203	87326	54177	73668
Canada	55922	69040	117361	73569	83350	127515	111244	158576
Chile	12388	2216	1628	4858	12608	32501	34655	40088
China People's Republic of	6362	5142	36496	94769	238890	271606	268703	30438
Congo	-	-	14	8	31	-	-	-
Cuba	1890	1085	1070	1256	1011	1594	2027	2291
Czechoslovakia	26797	11212	17198	10768 #	16935	#	21890#	21342
#	30368	#						
Denmark	13324	16317	21603	31255	58014	90339	65906	32242
Egypt Arab Republic of	7876	16443	25549	21487	71673	24295	23135	73001
Ethiopia	3	14	15	455	388	227	259	243
Finland	17564	17999	16866	20966	33947	57125	70923	65194
France	130441	151555	172231	186026	193303	281229	272676	292346
Germany, Federal								
Republic of(1)	347308	384415	479894	561537	686703	1051888	1005031	929464
Hong Kong	29708	26184	49338	59176	90118	129800	113289	109036
Hungary	14317	8801	8466	9685	5480	5566	2621	4492
Indonesia	14557	16495	17367	37530	100830	154250	212523	271216
Iran	101761	143468	115180	119046	168459	200107	310421	236885
Iraq	49554	614	12	-	14	9	8812	68907
Ireland	2190	1901	4538	11163	6220	8510	7199	13185
Israel	14331	15928	41628	94932	81109	81148	95376	121071
Italy	109125	110473	151845	168594	232665	356006	350518	341713
Japan	324455	337546	413562	477428	640506	825399	776541	791179
Jamaica	-	4	2	11	11	44	-	-
Jordan	36809	37157	42771	34790	48189	64187	44736	59651
Kampuchea Democratic								
Republic (Khamer)	120	-	1228	-	665	114	-	-
Kenya	3906	2266	2847	3845	4337	5027	6969	7844
Kuwait	36302	75109	276340	353244	464770	659009	853738	859866
Laos People's Democratic								
Republic	48	-	-	-	-	-	-	5
Luxembourg	1073	37	1211	287	222	466	1802	1924
Mayanmar	16625	12562	33582	38041	39802	54308	62904	81167
Malagassy Republic								
(Madagascar)	192	446	72	103	774	809	1157	1170
Malaysia	99545	97206	117548	78376	153878	301963	369682	440515
Malawi	-	-	-	-	-	1281	1396	128
Mauritius	8	64	86	130	482	2889	1419	2276

# Data relates to Czech Republic and Slovak Republic both.

**Table 15.3-VALUE OF IMPORTS OF MERCHANDISE INTO INDIA  
BY PRINCIPAL COUNTRIES OF CONSIGNMENT - Contd.**

(Rs. lakhs)

Countries	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	6	7	8	9	10	11	12	13
Mexico	20312	15503	14098	17548	12566	21637	15283	29453
Mozambique	48	567	5264	6216	2257	6608	9900	4963
Nepal	8149	7035	7169	9068	11489	16440	22745	35156
Netherlands	79323	68857	110540	120532	121153	190740	175361	160795
New Zealand	11760	16761	17617	23228	23843	20839	28218	30314
Nigeria	4966	30699	168860	259516	133077	257480	541616	415100
Norway	6195	6523	10386	11285	14463	13213	18222	27092
Oman	7308	11397	5913	5009	8470	6690	4281	12339
Pakistan	8449	21184	37551	13668	16561	15092	12836	13968
Peru	2894	415	1233	1813	48	1483	8926	4931
Philippines	971	7717	2832	1867	3698	7181	5839	10360
Poland	14601	19405	23580	14242	14078	43577	10216	13395
Portugal	3863	2574	2152	2997	3643	1769	2966	5753
Qatar	4801	8775	30899	41447	35989	37666	49566	34029
Romania	4964	6219	15920	7850	15135	49552	54681	22546
Saudi Arabia	289916	355603	433293	483554	492821	677265	983224	939633
Singapore	142764	171251	183071	196644	282493	365239	377475	441489
Somalia	189	144	385	150	258	248	4322	653
South Africa	-	-	27	9624	48468	81572	113971	179401
Spain	19009	18016	23692	38182	56977	60887	74764	60567
Sri Lanka	3676	2822	3986	6282	9649	13864	16033	12148
Sudan	299	25	506	253	4232	5130	2220	1670
Sweden	34971	39881	49608	50686	93736	81658	131910	100608
Switzerland	48014	37235	109531	158797	258816	341366	500197	952777
Syrian, Arab Republic	4	-	283	5167	5383	2892	8191	2944
Tanzania, United Republic of	6199	8475	10624	19051	17062	32201	26253	24717
Thailand	11572	11955	16889	17944	53885	56763	70003	85617
Trinidad and Tobago	377	1887	533	349	207	112	436	402
Turkey	17712	19248	14591	10564	25060	17141	24735	23649
United Arab Emirates	190034	307530	321988	314617	481379	537411	616301	648986
U.K.	289386	296297	410517	481821	489523	641483	757808	869649
U.S.A.	524471	491722	621943	858370	912361	1291622	1308490	1350966
U.S.S.R. (2)	254813	179597	73727	80623	158376	286417	223093	252547
Uruguay	98	273	935	341	960	870	533	1543
Yemen, Arab Republic	9065	24870	20286	28606	4110	6608	5758	6519
Yugoslavia	16627	14281	7190	-	258	112	-	-
Zambia	15427	12111	20146	15844	17174	20053	36951	35733
Zimbabwe	2444	2217	2984	3117	3277	5709	4879	6814
Total Imports	4319286	4785084	6337451	7310101	8997066	12267814	13107071	13707553

(2) Data for the year 1991-92 and 1992-93 relate to CIS while these for the year 1993-94 and onwards relate to Russia.

**Table 15.4-VALUE OF EXPORTS OF MERCHANDISE (INDIAN PRODUCE AND MANUFACTURES)  
FROM INDIA,BY PRINCIPAL COUNTRIES OF DESTINATION**

(Rs.lakhs)

Countries	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
Argentina	855	4090	7488	10712	15520	12571	20834	33672
Australia	32122	49922	64635	76900	108771	125604	136801	158169
Austria	12582	15124	20658	26653	29937	30300	33515	30149
Bahrain Islands	6279	12146	14463	19568	18543	19842	22281	20607
Barbados	2	18	24	140	112	102	500	1428
Bangladesh	54743	79857	102846	134921	202413	350887	308480	283939
Belgium	125842	164215	197268	264178	309929	372714	387903	442646
Brazil	2650	4261	4816	18463	25852	28703	47035	51999
Canada	27994	46309	55287	71213	83596	101765	2073	2483
Chile	557	1936	3047	4121	8408	16866	23450	59038
China, People's Republic of	3255	11877	40918	87533	79799	111288	218254	253089
Congo (People's Republic of Congo)	52	29	52	161	95	94	164	5313
Cuba	1079	266	464	72	103	58	327	209
Czechoslovakia	14523	35979	26308	31267#	10829#	10858#	14177	7844
Denmark	15235	19337	25034	28095	40619	48703	53583	56704
Egypt, Arab Republic of	17737	19978	33083	37957	37619	54942	55897	94746
Ethiopia	2445	1097	3839	6716	9112	11344	18684	24493
France	76260	103643	136170	157819	182749	248729	254239	275056
German Democratic Republic	..	..	..	..	..	..	..	..
Germany, Federal	..	..	..	..	..	..	..	..
Republic of	253579	312743	411764	480319	548048	660035	672036	689196
Ghana	1562	2973	4920	5426	6420	9186	14445	17947
Greece	5140	7375	14763	16958	23079	33015	33221	33053
Hong Kong	106957	151423	221553	391855	476378	608897	661220	713305
Hungary	8338	10264	8158	6418	5992	7587	11021	12890
Indonesia	19622	35700	40082	73687	87191	221570	210102	161307
Iran	14081	30205	33143	50096	49218	51863	69216	62331
Iraq	4345	..	..	1220	75	217	769	4376
Ireland	3567	5547	7047	7312	10955	16445	21081	24409
Israel	9543	15785	24618	41362	47117	72341	75050	122254
Italy	100045	142884	180030	189002	269362	339142	331461	408199
Jamaica	39	154	198	646	810	230	625	468
Japan	303725	406949	415852	545869	636051	740677	712085	690724
Jordan	5724	25078	12841	22469	16930	26705	28449	25150
Kampuchea Democratic	..	..	..	..	..	..	..	..
Republic (Khamer)	25	5	61	446	236	715	..	..
Kenya	6457	10290	16684	22216	38509	81959	59802	44972
Kuwait	7373	12888	31350	33235	42048	45322	54914	64911
Laos People's Democratic	..	..	..	..	..	..	..	..
Republic	5	9	11	74	40	104	133	240
Malagasy Republic	..	..	..	..	..	..	..	..
(Madagascar)	700	466	787	1170	1124	2207	1629	2696
Malaysia	27079	49886	54901	77522	89948	131437	188553	18851
Malawi	600	1448	2388	4600	3258	4801	5782	2554
Mauritius	9157	13151	17225	26970	35678	45497	57266	66415
Mayanmar	336	946	2046	6756	7110	10094	16046	17281
Mexico	3822	6885	12494	17820	24573	18338	27792	40454
Mozambique	1369	1878	4973	6716	5738	11294	7195	11129

# Data relates to Czech Republic and Slovak Republic both.



**Table 15.4-VALUE OF EXPORTS OF MERCHANDISE (INDIAN PRODUCE AND MANUFACTURES)  
FROM INDIA, BY PRINCIPAL COUNTRIES OF DESTINATION - Concl'd.**

(Rs. lakhs)

Countries	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
Nepal	866	19015	20986	30736	37702	53536	58830	59417
Netherlands	64161	91819	120222	160300	183815	256738	302589	290368
New Zealand	4026	5956	9001	10620	17215	20268	23324	25336
Nigeria	11276	25560	41885	37409	34268	50473	51988	79423
Norway	5678	10867	13874	15519	20866	21442	26948	21138
Oman	10147	18224	21568	26255	27758	36632	41523	40453
Pakistan	7360	9882	14708	20096	17971	25697	55812	53714
Peru	81	610	751	1067	3234	7897	4912	7684
Philippines	5087	15839	15828	18267	31218	48237	65193	87629
Poland	16544	19828	18621	16377	21099	29271	27161	31245
Portugal	8062	11047	14968	17997	21390	30663	31196	40975
Puerto Rico	42	26	163	662	560	428	1231	202
Qatar	3087	4710	7783	9104	9399	11777	11326	16243
Saudi Arabia	41807	86570	118009	160203	136789	161210	204397	250962
Seychelles	313	242	599	1184	750	1760	1233	2232
Singapore	58482	95088	170090	235592	241109	298454	347001	274612
Somalia	202	135	165	1540	165	2030	12709	7462
South Africa	-	-	471	8677	49144	110223	112248	142681
Spain	28181	48606	57892	60757	84547	130762	150875	159828
Sri Lanka	23487	42943	71825	90223	115092	133551	169479	177157
Sudan	3852	3896	4116	4588	5139	10235	9562	16663
Sweden	15517	22746	29000	33689	46129	48887	53786	60404
Switzerland	40024	53957	57594	69219	77642	93666	106456	138912
Syrian Arab Republic	1762	4542	6575	8876	9002	10719	17389	19966
Tanzania, United								
Republic of	5308	11841	20277	19954	20645	27224	23995	24777
Thailand	44322	48948	73276	112050	127641	158110	158712	125466
Trinidad and Tobago	273	502	819	1517	1136	1429	2423	4429
Turkey	9501	13085	30064	35200	29910	57522	71653	87007
United Arab Emirates	78676	181555	235405	363015	397300	477156	523982	592942
U.K.	212107	279630	349753	431979	530325	669716	726652	757786
U.S.A.	478962	718980	1016522	1250768	1573436	1845467	2327168	2464068
U.S.S.R. (2)	525030	404050	175604	203630	25343	349549	287960	330532
Uruguay	112	326	1056	1999	3945	3757	5701	12739
Vietnam, Socialist								
Republic of	3077	3182	5028	8787	18379	41600	41919	45094
Yemen, Arab Republic	5473	9376	8850	14412	13017	26794	36683	21099
Zaire Republic of	500	524	1028	2737	5160	11159	10133	8272
Zambia	4004	6718	8086	8873	8705	11767	11378	8680
Zimbabwe	1835	1622	932	2045	2403	5201	7492	8595
Total Exports	3240565	4397591	5360539	6965583	8260872	10619013	109811091	1532888

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.

(2) Data for the year 1991-92 and 1992-93 relate to C.I.S. while these for the year 1993-94 and onwards relate to Russia.

**Table 15.5-VALUE OF RE-EXPORTS OF MERCHANDISE FROM INDIA  
BY PRINCIPAL COUNTRIES OF DESTINATION**

(Rs. '000)

Countries	1990-91	1991-92	1992-93	1993-94@	1994-95@	1995-96@	1996-97
1	2	3	4	5	6	7	8
Argentina	-	-	-	-	-	-	-
Australia	382	377	1058	25	9	53	6355
Bahrain-Islands	750	-	104	-	-	1	1440
Belgium	8922	19522	66506	245	426	2074	390451
Canada	6363	19453	7148	252	183	403	2361
China, Peoples Republic of	-	-	-	-	25	-	14956
Czechoslovakia	161	65	1400	-	-	-	28
Denmark	129	2635	825	22	15	100	78248
Egypt, Arab Republic of	-	-	197	1	-	-	3350
Ethiopia	7	-	-	-	-	-	-
France	38274	123749	39307	374	35	1137	18841
German Democratic Republic	-	-	-	-	-	-	-
Germany, Federal Republic of	130355	30989	153858	2460	710	1407	165304
Ghana	-	-	-	-	-	-	-
Hong Kong	7811	1489	2433	75	55	358	501947
Indonesia	-	47117	3022	2	-	5	15585
Iran	-	-	21	-	-	-	-
Iraq	-	-	-	-	-	-	-
Italy	8724	8614	14130	480	18	45	9554
Japan	17380	16149	19125	184	262	441	32519
Kampuchea Democratic Republic (Khamer)	331	193	1296	-	-	-	-
Kenya	-	-	-	-	16	12	7100
Kuwait	-	180	2658	6	-	11	300
Malaysia	2117	1170	7997	50	25	74	11158
Malawi	-	-	847	-	-	-	-
Mauritius	61	538	4134	-	77	-	515
Mozambique	-	-	-	-	-	-	-
Myanmar	-	-	-	-	-	-	-
Netherlands	27961	3869	3394	47	25	503	34798
New Zealand	-	155	1134	-	1	-	-
Norway	199	-	113	7	44	-	861
Oman	52	60	4055	7	-	-	2829
Pakistan	-	-	-	-	-	-	-
Philippines	20	2	-	3	35	9	-
Qatar	-	3	-	13	-	-	-
Saudi Arabia	3880	4121	131	12	11	118	-
Seychelles	-	-	-	-	-	-	-
Singapore	958702	76084	36628	273	752	3140	106498
Spain	5520	7	24	1	1	1	3
Sri Lanka	261	79	465	100	16	832	113412
Sudan	-	-	-	-	-	-	-

@ Figures are in Rs.lakh.

**Table 15.5-VALUE OF RE-EXPORTS OF MERCHANDISE FROM INDIA  
BY PRINCIPAL COUNTRIES OF DESTINATION - Concl'd.**

(Rs. '000)

Countries	1990-91	1991-92	1992-93	1993-94@	1994-95@	1995-96@	1996-97
1	2	3	4	5	6	7	8
Sweden	45487	3277	10378	7	9	78	48685
Switzerland	18933	3041	6351	93	38	514	114146
Syrian Arab Republic	-	48705	67	-	-	-	-
Tanzania, United Republic of	-	130	86	16	23	10	286
Thailand	465	1410	18336	6	24	82	3943
Turkey	11	-	-	-	-	1	11
United Arab Emirates	6693	-	44590	178	163	602	216017
U.K.	64140	93778	167226	576	208	2881	156738
U.S.A.	68550	111100	178250	3395	2995	1091	177537
U.S.S.R. (1)	44909	23634	1791	31	3	-	-
Yemen, Arab Republic	-	-	4018	35	-	1	-
Zimbabwe	359	-	-	-	-	-	-
Total Re-exports	1476929	658962	828644	9556	6539	16321	-

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.

- (1) Data for the year 1991-92 and 1992-93 relate to C.I.S. while these for the year 1993-94 and onwards relate to Russia.  
@ Figures are in Rs.lakh.

Note: The value of Re-exports countrywise in respect of year 1989-90 is not available.



**Table 15.6-SUMMARY OF THE VALUE OF MERCHANDISE TRADE  
BY REVISED ECONOMIC REGIONS**

(Rs. lakhs)

Economic Regions	1990-91				1991-92			
	Imports	Exports	Re- exports	Balance	Imports	Exports	Re- exports	Balance
1	10	11	12	13	14	15	16	17
1. East African Community	10218	13623	3	3408	10995	25243	3	14251
2. Organisation Commune Africaine El Malagache	28193	15379	1	-12813	48486	24099	6	-24381
3. Organisation of African unity	24682	27675	1	2994	50725	56345	-	5620
4. Other African Countries	50827	28155	4	-22668	130895	35439	-	-95456
5. North America	580393	506957	749	-72687	560762	765299	1306	205843
6. South America	81036	5781	-	-75255	66259	15007	-	51252
7. Caribbean Common Market	381	438	-	57	2066	1571	-	-495
8. Central American Common Market	58	1042	-	984	160	662	-	502
9. Other Central American and Caribbean Countries	22556	7653	-	-14903	16611	13022	-	-3589
10. ESCAP Countries	1009340	759030	9876	-240434	1115149	1121673	1451	7975
11. Economic Commission for West Asia	670035	164947	114	-504974	906552	357222	560	-548770
12. Other Asian and Oceanian and Antarctic and Arctic Region Countries	95385	43574	8	-51803	92750	78467	103	-14180
13. European Common Market	1268041	892234	2842	-372965	1396625	1187042	2854	-206729
14. European Free Trade Area	122542	85938	659	-35945	118536	115581	69	-2886
15. East European Countries	337715	581408	514	244207	244440	481132	237	236929
16. Other European Countries	17883	12949	-	-4934	24073	17560	-	-6513
Total exports of petroleum products	-	93780	-	93780	-	102227	-	102227
<b>Grand Total</b>	<b>4319286</b>	<b>3240565</b>	<b>14769</b>	<b>-1063952</b>	<b>4785084</b>	<b>4397591</b>	<b>6590</b>	<b>-380903</b>

**Table 15.6-SUMMARY OF THE VALUE OF MERCHANDISE TRADE  
BY REVISED ECONOMIC REGIONS - Contd.**

(Rs.lakhs)

Economic Regions	1992-93				1993-94			
	Imports	Exports	Re- exports	Balance	Imports	Exports	Re- exports	Balance
1	10	11	12	13	14	15	16	17
1. East African Community	13627	42977	20	29370	22996	51671	16	28691
2. Organisation Commune Africaine El Malagache	41507	31054	41	-10412	23644	39868	-	16224
3. Organisation of African unity	200160	87701	12	-112447	292616	94643	-	-197973
4. Other African Countries	145836	50542	38	-95256	117968	74867	184	-42917
5. North America	739303	1071823	1854	334374	931939	1321993	3637	393691
6. South America	75307	24152	10	-51145	77574	45741	1	-31832
7. Caribbean Common Market	564	1568	-	1004	1060	2881	-	1821
8. Central American Common Market	289	1335	-	1046	268	1629	-	+1361
9. Other Central American and Caribbean Countries	15292	20307	-	5015	18975	25685	4	6714
10. ESCAP Countries	1421029	1419761	960	-308	1579613	2047401	788	468576
11. Economic Commission for West Asia	1246620	459940	565	-786115	1436805	660794	252	-775759
12. Other Asian and Oceanian and Antarctic and Arctic Region Countries	129231	85537	34	-43660	161453	149444	279	-11730
13. European Common Market	1912390	1515138	4479	-392773	2196227	1813999	4213	-378015
14. European Free Trade Area	213302	133356	237	-79709	257525	154466	120	-102939
15. East European Countries	160554	235898	34	75378	176676	314089	61	137474
16. Other European Countries	22438	41525	2	19089	14762	41633	-	26871
Total export of Petroleum products	-	137925	-	137925	-	124779	-	124779
<b>Grand Total</b>	6337452	5360539	8286	-968627	7310101	6965583	9556	-334962

**Table 15.6-SUMMARY OF THE VALUE OF MERCHANDISE TRADE  
BY REVISED ECONOMIC REGIONS - Concl'd.**

(Rs.lakhs)

Economic Regions	1994-95				1995-96			
	Imports	Exports	Re- exports	Balance	Imports	Exports	Re- exports	Balance
1	10	11	12	13	14	15	16	17
1. East African Community	21454	69741	63	48350	37451	121720	28	84297
2. Organisation Commune Africaine El Malagache	28433	56084	85	27736	46517	101186	-	54669
3. Organisation of African unity	167643	85804	-	-81839	306877	143779	-	-163098
4. Other African Countries	261741	103386	4	-158351	277772	198552	1	-79219
5. North America	995711	1657076	3178	+664543	1419137	1947271	1494	529628
6. South America	228425	68122	190	-160113	172561	83038	115	-89408
7. Caribbean Common Market	612	3207	-	2595	244	2834	-	2590
8. Central American Common Market	1778	2183	-	405	1730	2403	-	+673
9. Other Central American and Caribbean Countries	14015	39702	-	25687	23562	34869	-	11307
10. ESCAP Countries	2354448	2458447	1221	105220	3101624	3298806	5024	202206
11. Economic Commission for West Asia	1759155	673985	176	-1084994	2279510	822333	735	-1456442
12. Other Asian and Oceanian and Antarctic and Arctic Region Countries	181065	143102	76	-37887	222170	174194	134	-47842
13. European Common Market	2233872	2206088	1440	-26344	3269105	2807532	8197	-453376
14. European Free Trade Area	419214	189072	103	-230039	531969	212726	592	-318651
15. East European Countries	303831	331947	3	28119	559873	448416	-	-111457
16. Other European Countries	25669	42028	-	16359	17712	67579	1	49868
Total export of Petroleum Products	-	130898	-	130898	-	151775	-	151775
<b>Grand Total</b>	<b>8997066</b>	<b>8260872</b>	<b>6539</b>	<b>-729655</b>	<b>12267814</b>	<b>10619013</b>	<b>16321</b>	<b>-1632480</b>

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.

- Notes: 1. Economic regions have been revised since 1980-81. For previous years data, please refer to earlier issues of Statistical Abstract.  
2. Totals may not tally due to rounding off of the figures.



**Table 15.7-QUANTITY AND VALUE OF IMPORTS OF PRINCIPAL ARTICLES OF FOREIGN MERCHANDISE**

Principal Articles	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9
Milk and cream	'000 qntrs	11	21	94	26	9	5	4
	Rs.lakhs	376	801	4479	1653	572	3701	260
Wheat	'000 tonnes	63	58	1364	242	1	8	613
	Rs.lakhs	2227	1214	71006	12564	38	1039	40376
Rice	'000 tonnes	67	12	102	76	7	..	..
	Rs.lakhs	3918	1094	7332	5526	855	5	2
Cashew nut raw	'000 tonnes	80	106	135	191	228	223	213
	Rs.lakhs	13400	26668	37633	48270	69129	76008	68757
Copra	'000 tonnes	-	..	..	..	..	..	..
	Rs.lakhs	-	11	..	52	174	..	..
Wool raw	tonnes	36372	27678	38490	57115	36765	45526	58
	Rs.lakhs	4398	19811	31515	37237	35078	48580	58146
Raw cotton other than linters	'000 tonnes	-	1	53	4	68	69	3
	Rs.lakhs	56	463	21838	1839	6171	52101	3156
Jute raw (excluding jute, bimlipatnam and mesta fibre but including cuttings)	'000 tonnes	37	11	13	38	68	54	48
	Rs.lakhs	2383	525	1071	3257	6171	4790	7576
Fertilizers crude	'000 tonnes	2683	2429	2231	1933	2570	2444	2038
	Rs.lakhs	34661	45493	45871	38825	47919	52444	47755
Sulphur	'000 tonnes	232989	1082	1398	1264	1600	1543	1543
	Rs.lakhs	5383	30663	35006	22690	42642	48303	32312
Petroleum and petroleum products & related materials	Rs.lakhs	1097723	1312672	1714170	1804513	1861255	2517360	3562872
Animals oils and fats	'000 tonnes	-	..	..	11	1	..	..
	Rs.lakhs	50	102	153	2813	196	324	332
Mixed vegetable oils soft	'000 tonnes	528	226	103	114	356	1094	767
	Rs.lakhs	33103	24779	16688	16663	65181	234150	302819
Organic chemicals	Rs.lakhs	158977	136264	187139	278338	433948	569835	622300
Synthetic organic dye stuffs and natural indigo including artificial colour lakes	tonnes	921	1615	1332	2090	1770	1793	1899
	Rs.lakhs	1791	1922	4860	7391	9040	9801	6952
Medicinal and pharmaceutical products	Rs.lakhs	28181	55850	81327	80876	93721	135795	108918
Fertilizers manufactured	'000 tonnes	3678	3416	3918	4635	4627	658	3464
	Rs.lakhs	114114	159081	202285	198256	239859	46211	243418
Artificial resin and plastic materials cellulose ester and ether etc.	Rs.lakhs	115060	140189	121801	136288	211817	317571	282568

**Table 15.7-QUANTITY AND VALUE OF IMPORTS OF PRINCIPAL ARTICLES  
OF FOREIGN MERCHANDISE - Concl'd.**

Principal Articles	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9
Ingots blooms,slabs, billets	'000 tonnes Rs.lakhs	379 13958	303 13478	395 9268	142 10603	277 23095	283 37807	427 54970
Bars,angles,shapes, sections etc. exclu- ding wire rods	'000 tonnes Rs.lakhs	41 9164	37 9056	40 6469	43 7716	40 15861	94 21004	147 37887
Universal, plates and sheets	'000 tonnes Rs.lakhs	569 65871	699 59953	310 50897	320 50536	741 115440	748 221898	1395 258313
Railway rails	'000 tonnes Rs.lakhs	31 3023	80 11090	44 7000	25 3723	5 1176	17 3035	28 8058
Iron or steel wire (excluding wire rod), whether or not coated, but not insulated	'000 tonnes Rs.lakhs	1 3404	7 3729	7 4177	9 4508	12 6280	20 6909	10 6897
Tubes, pipes fittings welded or drawn of iron or steel	'000 tonnes Rs.lakhs	207 47261	164 39604	100 39328	244 69370	194 57855	141 63708	160 88172
Copper and alloys refined or refined unwrought	'000 tonnes Rs.lakhs	72 34867	95 30012	104 26305	87 51369	84 60740	83 83689	158 130422
Aluminium	'000 tonnes Rs.lakhs	23 8110	18 7348	11 8749	73 25154	85 48349	98 66013	176 100789
Zinc	'000 tonnes Rs.lakhs	77 4932	38 2042	20 7822	25 8234	35 11454	62 22019	101 36236
Steam generating boilers	Rs.lakhs	772	2776	1246	2054	530	877	1458
Internal combustion diesel & semidiesel engine other than aircraft engines	Rs.lakhs	784	2305	2034	1874	9200	18564	19032
Machine tools for working metal e.g.boring, drilling etc.	Rs.lakhs	40498	35646	31045	28136	55609	105392	170859
Metal working machinery other than machine tools	Rs.lakhs	8974	7736	46660	13398	21521	34511	97156
Conveying, Hoisting, excavating and road construction machinery	Rs.lakhs	14361	14904	11248	13992	40918	47791	63526
Textile machinery and accessories (including bobbins etc.)	Rs.lakhs	49626	34932	72571	135265	200622	255078	199506
Electric generators,motors and connectors etc	Rs.lakhs	19290	20887	16625	22510	69237	140305	87320
Insulated cables and wire for electricity	Rs.lakhs	9616	4914	10149	10240	14197	23869	18958
Railways locomotives	Rs.lakhs	82	41		7	18	12742	26218

*Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.*

**Table 15.8-QUANTITY AND VALUE OF EXPORTS OF PRINCIPAL ARTICLES  
OF INDIAN PRODUCE AND MANUFACTURES**

Principal Articles	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9
Fish fresh and simply preserved	'000 tonne Rs.lakh	47 10108	42 12345	76 23942	99 31885	145 55461	147 57262	223 88720
Cashew kernal	'000 tonne Rs.lakh	50 44140	84 66197	58 74485	75 104531	77 124465	70 123570	64 120540
Sugar raw (including beet and cane)	'000 tonne Rs.lakh	24 2195	172 10517	29 2384	68 5945	49 6025	277 39352	653 84382
Coffee (unroasted)	'000 qntl Rs.lakh	830 22443	885 28137	1141 37625	1185 54560	1285 10592	1561 150294	163 142659
Tea and mate	'000 tonne Rs.lakh	198 106905	199 111617	168 97656	154 105916	151 96375	159 117111	140 103708
Spices	'000 tonne Rs.lakh	95 19826	127 29737	129 39342	182 56890	137 46836	204 79352	222 120214
Oilseed cake meal (including other vegetable oils residue)	'000 tonne Rs.lakh	1989 54801	2351 81235	3315 146700	4837 232392	3577 173158	4021 227385	4788 349534
Tobacco unmanufactured	'000 tonne Rs.lakh	70 19343	68 31243	71 35557	90 36825	43 18413	78 37869	107 66048
Skins (goats and kids) undressed	'000 qntl Rs.lakh	.. ..	.. 26	- -	- -	- -	- -	- -
Wool (sheeps and lambs)	tonne Rs.lakh	30 58	122 179	54 53	16 30	536 454	287 372	222 354
Raw cotton other than linters	'000 tonne Rs.lakh	366 84585	90 31626	64 18178	313 65358	34 13975	33 20354	270 157451
Mica including splitting and mica waste	'000 qntl Rs.lakh	420 3484	335 3458	273 2394	334 2775	297 2223	314 2731	29 2501
Iron ore and concentrates	'000 tonne Rs.lakh	32493 104913	29255 143250	22167 110409	26857 137367	26058 129763	31720 172103	27628 170644
Manganese ore and concentrates	'000 tonne Rs.lakh	318 4419	253 3940	210 3079	286 3803	277 3457	237 2972	310 4808
Natural gums and resins, etc.	'000 qntl Rs.lakh	90 5187	84 8255	81 10214	96 14694	93 13255	102 20568	9 20360
Coal	'000 tonne Rs.lakh	412 870	302 1521	382 5002	515 6514	673 8815	652 9609	478 8260
Castor oil	'000 qntl Rs.lakh	447 7002	762 12468	628 11738	1389 28930	1846 44128	2918 74252	241 62724
Medicinal and pharmaceutical products	Rs.lakh '000 qntl	76759 197	106785 218	153304 21667*	200968 21598*	251234 27723*	340870 26304*	- 238544
Leather	Rs.lakh	81186	72837	80414	84778	120143	124200	106908

\* Relates to lakh Sq. DM.



**Table 15.8-QUANTITY AND VALUE OF EXPORTS OF PRINCIPAL ARTICLES  
OF INDIAN PRODUCE AND MANUFACTURES - Concl'd.**

Principal Articles	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9
Cotton fabrics millmade	mn.sqm.	187	172	384	433	182	129	
grey unbleached	Rs.lakh	29683	25360	83242	101587	42627	36688	23198
Cotton fabrics bleached	lakh sqm.	1127	1328	1137	1144	1733	1684	-
	Rs.lakh	18213	24827	25051	28482	38823	54631	72649
Cotton fabrics,handloom	lakh sqm.	376	478	549	487	541	549	136
grey unbleached	Rs.lakh	6073	10012	14277	13751	16780	18411	22681
Jute fabrics	'000 tonne	96	176	73	62	88	72	69
	Rs.lakh	14389	19011	27492	12405	19494	21093	21566
Jute bags and sacks	'000 tonne	84	114	81	93	56	86	50
(new or used)	Rs.lakh	12281	14434	13123	15787	11892	23934	16395
Woollen carpet and rugs,	'000 meter	9730	1482	13109	11193	\$	\$	9817
etc.inct. travelling rugs	Rs.lakh	56439	86269	105688	110807	112145	114777	93403
Pearls and precious and								
semi precious stones	Rs.lakh	492572	606377	809048	1151929	1277012	1595070	1487266
Pig iron,spiegelesen,iron								
& steel powders and shots	'000 tonne	86	139	187	68	802	735	569
and ferro-alloys	Rs.lakh	7694	17005	25893	53697	56569	74169	57715
Iron & steel bars,rods,								
angles	'000 tonne	123	176	551	602	412	416	587
shapes and sections								
(including sheet oillings)	Rs.lakh		18824	50543	60943	51952	71693	80845
Machinery other than								
electric	Rs.lakh	97506	115222	148692	213806	180412	213759	11689
Electrical machinery appar-								
atus and appliances	Rs.lakh	67538	99624	78135	95214	176594	271117	270515
Transport equipment	Rs.lakh	71874	121468	154574	185660	241931	308797	240856
Leather footwear	'000 pair	19027	17178	21757	35160	33809	38346	342960
	Rs.lakh	28618	40276	53673	84638	103308	118077	79072

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce.

\$ Heterogeneous Unit.

**Table 15.9-INDEX NUMBERS OF IMPORTS OF THE UNIT VALUES  
AND OF QUANTUM OF IMPORTS**

(Base: 1978-79=100)

Commodity Heads	Unit Value Index						Quantum Index					
	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13
Food and Food Articles	141	261	343	446	505	371	297	326	226	408	208	334
Dairy products	404	565	616	264	334	735	2	14	5	19	30	1
Cereals and cereal preparations	157	228	225	356	539	291	134	488	149	30	17	194
Beverages and Tobacco	536	878	1002	885	939	1131	321	188	243	467	830	601
Crude Materials, Inedible except Fuels	308	498	402	478	570	532	228	184	203	270	274	274
Crude fertilizers and minerals excluding coal, petroleum crude etc.	363	485	371	478	479	465	199	192	207	231	269	237
Mineral Fuels, Lubricants, etc.	383	441	435	447	511	649	182	252	270	284	337	372
Petroleum crude	344	422	406	442	494	645	141	200	210	187	187	230
Animal and Vegetable Oils, Fats and Waxes	121	315	284	352	416	401	52	16	21	43	110	138
Chemicals and Related Products	280	369	337	406	579	522	240	292	335	390	390	408
Chemical elements and compounds	242	299	278	339	467	452	418	612	683	874	812	920
Dyeing, tanning and coloring materials	339	576	604	586	521	556	205	137	194	305	394	441
Fertilizers manufactured	307	468	370	484	631	611	100	117	144	134	198	108
Manufactured Goods Classified Chiefly by Materials	311	489	432	472	626	612	187	172	235	218	227	282
Paper, paperboard and articles thereof	342	426	427	473	836	639	126	114	154	154	179	262
Textile yarn	295	487	412	419	554	543	224	92	200	296	214	179
Iron and steel	303	491	424	445	577	692	148	98	125	175	179	150
Copper	394	576	501	568	721	644	140	124	170	199	201	297
Aluminium	357	515	409	585	700	619	93	47	183	287	327	501
Manufactures of metals	255	323	345	431	440	374	254	281	350	323	453	645
Machinery and Transport Equipment	188	181	213	192	191	226	441	572	715	972	1395	1205
Machinery other than electric	350	332	202	183	154	191	246	344	760	1104	1956	1564
Electric machinery	111	76	78	78	129	98	928	1860	1936	2520	2360	2549
Transport equipment	299	415	539	719	737	796	206	118	273	180	184	245
Miscellaneous Manufactured Articles	294	292	368	224	201	170	328	456	387	793	1371	1442
General Index	268	331	327	325	351	400	238	282	329	408	515	512

Source: Directorate General of Commercial Intelligence and Statistics.

**Table 15.10-INDEX NUMBERS OF EXPORTS OF THE UNIT VALUES  
AND OF QUANTUM OF EXPORTS**

(Base: 1978-79=100)

Commodity Heads	Unit Value Index						Quantum Index					
	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8	9	10	11	12	13
Food and Food Articles	226	312	369	414	377	444	138	174	197	195	327	307
Fish and fish preparations	259	395	489	590	572	605	164	195	232	266	262	224
Fruits and vegetables	279	303	463	481	529	409	181	291	258	296	302	403
Coffee	117	118	169	322	372	331	170	223	224	227	281	241
Tea	273	290	342	326	369	371	114	96	89	87	92	80
Spices	172	267	243	327	388	447	78	74	124	97	105	136
Oilseed cake	171	288	322	319	351	466	277	441	599	468	559	630
Beverages and Tobacco	228	371	338	372	372	398	103	116	126	69	112	172
Crude Materials, Inedible except Fuels	261	418	369	452	520	565	236	134	214	163	193	245
Raw cotton	114	213	229	317	496	491	3686	426	1420	220	209	1603
Crude fertilizers,minerals excluding coal,petroleum crude etc.	367	274	337	276	280	367	164	333	343	542	633	513
Crude animal and vegetable materials	287	402	449	467	578	728	106	111	114	119	142	137
Mineral Fuels, Lubricants,etc.	246	563	603	620	730	896	1988	1391	1327	1337	1250	1055
Coal,coke and briquettes	512	563	603	620	730	896	32	168	205	268	248	174
Animal and Vegetable Oils												
Fats and Waxes	223	253	318	360	397	398	213	330	558	748	1222	931
Chemicals and Related Products	232	410	428	457	469	476	681	573	741	975	1204	1464
Manufactured Goods Classified												
Chiefly by Materials	378	457	537	538	586	554	138	204	229	269	304	343
Leather & Leather Manufac- tures excluding footwear	440	441	444	452	456	565	105	113	117	146	162	119
Textile yarn	238	358	350	424	471	424	689	1182	1473	1950	2413	3774
Floor coverings	341	415	483	513	554	500	206	336	335	319	323	397
Machinery and Transport												
Equipment	201	309	337	310	241	327	311	311	358	488	843	761
Miscellaneous Manufactured												
Articles	348	530	618	640	659	663	262	314	332	402	465	519
General Index	293	422	474	495	484	505	194	223	257	293	384	412
Terms of Trade (1)	109	127	145	152	138	126	122	127	128	139	134	124

Source: Directorate General of Commercial Intelligence and Statistics.

- (1) The figures shown against this item are the net and gross terms of trade respectively. The former shown under the heading Unit Value Index is the ratio of overall export unit value index to similar import index and the latter shown under the heading Quantum Index is the ratio of overall import Quantum Index to similar export index.



**Table 15.11-COASTING TRADE:TOTAL VALUE OF IMPORT MERCHANDISE  
TO VARIOUS MARITIME BLOCKS OF INDIA**

(Rs. '000)

Maritime blocks	Imports merchandise						
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97P
1	2	3	4	5	6	7	8
Andhra Pradesh	3305464	3775156	874166	388953	2087926	4343695	2260166
Gujarat	1031673	564	76520	67682	100561	13127	42363
Karnataka	85011	72393	42872	47726	70630	58368	67874
Kerala	3959924	3431137	3188299	1147002	3800510	3540151	4427091
Maharashtra	438142	503327	438168	76212	1348622	2095800	1869263
Orissa	866582	1173858	1533182	733193	1266959	6437674	11532782
Tamil Nadu	2634685	3046463	4164260	7506132	6274060	4814249	7514250
West Bengal	685653	150673	290095	397503	2144361	3242993	5397821
Andaman and Nicobar Islands	1294152	1540163	2015486	1906171	2313930	2429525	6099548
Goa	223	-	-	-	-	-	-
Lakshadweep	888113	886302	958199	50731	569356	1420487	171244
Pondicherry	-	-	-	-	-	-	-
Total	15189622	14580038	13581247	12321310	19976914	28396069	39382404

Source: Directorate General of Commercial Intelligence and Statistics,

Note: Gujarat includes Daman and Diu also.

**Table 15.12-COASTING TRADE:TOTAL VALUE OF EXPORT MERCHANDISE  
FROM VARIOUS MARITIME BLOCKS OF INDIA**

(Rs. '000)

Maritime blocks	Imports merchandise						
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97P
1	2	3	4	5	6	7	8
Andhra Pradesh	297968	469373	844811	795705	748676	1272827	1183277
Gujarat	606916	261885	245576	106732	329154	735168	2872546
Karnataka	10295	105096	93170	696	387	-	112328
Kerala	1328739	1029028	1126753	317458	635310	590960	11697823
Maharashtra	8440128	7636108	5296447	5819834	9024631	9883235	6560874
Orissa	630730	347410	663532	1010099	867119	860022	1164815
Tamil Nadu	2024709	2858366	3008587	1672222	3829630	7551706	2120139
West Bengal	830425	925539	1159428	1709817	2039955	4578927	5602429
Andaman & Nicobar Islands	632864	708379	885868	761678	2247017	2587746	7648890
Goa	7	411	165312	69507	196048	134569	65625
Lakshadweep	386541	238442	91760	57562	58988	200910	353657
Pondicherry	300	-	-	-	-	-	-
Total	15189622	14580038	13581247	12321310	19976914	28396069	39382404

Source: Directorate General of Commercial Intelligence and Statistics.

Note: Gujarat includes Daman and Diu also.

**Table 15.13- MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER BETWEEN THE STATES AND CHIEF PORT TOWNS (EXPORTED FROM)**

('000 tonnes)

HR & track	Coal and coke	Cotton piece goods	Rice and Wheat		Jute Raw	Raw cotton (lint) (Indian and foreign) (1)
			Rice not in the Husk	Wheat		
1	2	3	4	5	6	7
1990-91	80257	10	2986	2527	19	57
1991-92	85785	-	2916	3083	12	138
1992-93	98169	-	2140	3575	21	75
1993-94	101352	2	3807	2802	7	1179
1994-95 (P)	96446	16	1092	544	2	45
<b>Exported during 1994-95 (P) from</b>						
Andhra Pradesh (excl. Ports)	259	-	54	-	-	-
Andhra Pradesh Ports	2516	-	4	-	-	-
Assam	961	-	-	-	-	-
Bihar	40324	-	16	66	1	-
Chandigarh	-	-	-	-	-	-
Delhi	-	-	31	15	-	-
Goa	1	-	-	-	-	-
Gujarat (excl. Ports)	-	-	2	1	-	-
Gujarat Ports	-	-	-	-	-	-
Haryana	-	-	30	42	-	10
Himachal Pradesh	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-
Kandla Port	-	-	-	-	-	-
Karnataka (excl. Ports)	-	-	-	-	-	-
Karnataka Ports	-	-	3	2	-	-
Kerala (excl. Ports)	-	-	97	37	-	-
Cochin Port	3	-	-	14	-	-
Madhya Pradesh	23216	-	111	9	-	-
Maharashtra (excl. Ports)	1612	-	89	21	-	4
Bombay Port	1	14	-	7	-	-
Manipur	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	13803	-	88	-	-	-
Pondicherry & Karikal	-	-	-	-	-	-
Punjab	3	-	228	177	-	10
Rajasthan	1	-	-	10	-	20
Tamil Nadu(excl. Madras Port)	58	-	15	14	-	-
Madras Port	2728	-	-	-	-	-
Tripura	-	-	-	-	-	-
Uttar Pradesh	1908	-	205	96	-	-
West Bengal (excl. Calcutta)	8742	-	86	6	-	-
Calcutta	-	-	2	11	-	-
Arunachal Pradesh	-	-	-	-	-	-
Other Kerala Ports	-	-	2	-	-	-
Other Maharashtra Ports	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-
Other Tamil Nadu Ports	309	1	28	16	-	-

**Table 15.13 INLAND TRADE: MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS - Contd.  
(Exported To)**

('000 tonnes)

State/ Chief port towns	Coal and coke	Cotton piecegoods	Rice and Wheat		Raw cotton (lint)	
			Rice not in the Husk	Wheat	Jute Raw	Indian and foreign(1)
1	2	3	4	5	6	7
<b>Exported during 1995-96(P) to:</b>	103881	1	1691	557	-	28
Andhra Pradesh (excl. Ports)	6843	-	100	45	-	-
Andhra Pradesh Ports	3806	-	153	7	-	-
Assam	474	-	191	45	-	1
Bihar	4342	1	32	26	-	-
Chandigarh	18	-	1	-	-	-
Delhi	5000	-	10	7	-	-
Goa	-	1	-	1	-	-
Gujarat (excl. Ports)	13048	-	61	13	-	-
Gujarat Ports	1538	-	83	5	-	-
Haryana	2168	-	48	-	-	1
Himachal Pradesh	2	-	-	-	-	-
Jammu & Kashmir	215	-	4	-	-	-
Kandla Port	-	-	225	71	-	-
Karnataka (excl. Ports)	1473	-	16	11	-	1
Karnataka Ports	1	-	2	-	-	-
Kerala (excl. Ports)	86	-	12	16	-	-
Cochin Port	1781	-	5	-	-	-
Madhya Pradesh	8198	-	22	13	-	-
Maharashtra (excl. Ports)	4644	-	16	11	-	1
Bombay Port	1556	-	99	36	-	4
Manipur	-	-	-	3	-	-
Meghalaya	-	-	-	-	-	-
Nagaland	3	-	-	6	-	-
Orissa	2695	-	3	2	-	-
Pondicherry & Karikal	-	-	3	-	-	1
Punjab	9488	-	1	-	-	1
Rajasthan	5971	-	21	2	-	-
Tamil Nadu (excl. Madras Port)	6464	-	107	54	-	12
Madras Port	43	-	6	49	-	-
Tripura	1	-	3	3	-	-
Uttar Pradesh	12680	-	78	4	1	3
West Bengal(excl. Calcutta)	8737	-	88	99	-	-
Calcutta	1676	-	22	23	-	3
Arunachal Pradesh	137	-	-	-	-	-
Other Kerala Ports	-	-	116	2	-	-
Other Maharashtra	787	-	10	2	-	-
Mizoram	-	-	-	-	-	-
Other Tamil Nadu	5	-	195	2	-	-

Please see footnotes on next page.



**Table 15.13-MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL AND RIVER  
BETWEEN THE STATES AND CHIEF PORT TOWNS-Contd.  
(EXPORTED FROM)**

						('000 tonnes)
<b>Bars, Sheets, Girders and other forms</b>	<b>Iron and Steel Bars Bars, Sheets, Grin- ders and other forms</b>	<b>Oil seeds</b>	<b>Salt</b>	<b>Sugar (including Khandsari)</b>	<b>Sugar-raw (Gur, Jaggery and Shakkar)</b>	
1	8	9	10	11	12	
<b>All India</b>						
1990-91	8743	120	1225	993	59	
1991-92	9277	63	1100	1063	78	
1992-93	9482	51	954	1094	56	
1993-94	9584	83	951	983	64	
194-95 (P)	9521	25	934	1164	20	
<b>Exported during 1994-95 (P) from</b>						
Andhra Pradesh (excl. Ports)	1	1	4	74	1	
Andhra Pradesh Ports	26	-	1	1	-	
Assam	-	3	-	1	-	
Bihar	4336	-	3	5	-	
Chandigarh	4	-	-	-	-	
Delhi	19	1	-	-	-	
Goa	-	-	-	-	-	
Gujarat (excl. Ports)	1	-	121	-	-	
Gujarat Ports	-	-	15	1	-	
Haryana	2	1	1	1	1	
Himachal Pradesh	-	-	-	-	-	
Jammu & Kashmir	-	-	-	-	-	
Kandla Port	1	-	79	3	-	
Karnataka (excl. Ports)	1	1	-	-	-	
Karnataka Ports	-	-	-	130	-	
Kerala (excl. Ports)	-	-	-	-	-	
Cochin Port	-	-	-	-	-	
Madhya Pradesh	2706	-	1	-	-	
Maharashtra (excl. Ports)	7	-	8	274	-	
Bombay Port	81	-	-	34	-	
Manipur	-	-	-	-	-	
Meghalaya	-	-	-	-	-	
Nagaland	-	-	-	2	-	
Orissa	1053	-	-	3	-	
Pondicherry & Karikal	-	-	-	-	-	
Punjab	4	3	2	2	-	
Rajasthan	1	5	390	-	1	
Tamil Nadu	-	-	-	-	-	
(excl. Madras Port)	6	8	289	84	5	
Madras Port	3	-	-	-	-	
Tripura	-	-	-	-	-	
Uttar Pradesh	9	2	12	163	11	
West Bengal (excl. Calcutta)	1197	-	-	39	-	
Calcutta	56	-	-	11	-	
Arunachal Pradesh	-	-	-	-	-	
Other Kerala Ports	1	-	-	121	-	
Other Maharashtra Ports	-	-	-	-	-	
Mizoram	-	-	-	-	-	
Other Tamil Nadu Ports	6	-	7	215	1	

**Table 15.13-INLAND TRADE:MOVEMENT OF CERTAIN PRINCIPAL ARTICLES BY RAIL  
AND RIVER BETWEEN THE STATES AND CHIEF PORT TOWNS -Concl'd.  
(Exported To)**

('000 tonnes)					
Year\States\ Chief of Ports Town	Iron and Steel Bars, Sheets, Girders, and other forms	Oil seeds	Salt	Sugar (including Khandsari)	Sugar-raw (Gur, Jaggery and Shakkar)
1	8	9	10	11	12
<b>Exported during 1995-96(P) to:</b>	9401	25	1190	1216	19
Andhra Pradesh (excl. Ports)	459	-	17	25	-
Andhra Pradesh Ports	339	-	1	1	-
Assam	47	9	66	39	-
Bihar	327	4	390	226	1
Chandigarh	218	-	1	-	-
Delhi	376	3	50	-	-
Goa	-	-	-	-	-
Gujarat (excl. Ports)	460	2	200	112	5
Gujarat Ports	35	-	-	-	-
Haryana	396	1	-	-	-
Himachal Pradesh	-	-	-	-	-
Jammu & Kashmir	27	-	4	35	-
Kandla Port	-	-	-	3	-
Karnataka (excl. Ports)	332	-	6	34	1
Karnataka Ports	1	-	40	77	-
Kerala (excl. Ports)	1	-	2	20	-
Cochin Port	2	-	-	16	-
Madhya Pradesh	324	-	33	129	-
Maharashtra (excl. Ports)	1151	-	1	2	1
Bombay Port	17	-	-	14	2
Manipur	-	-	-	-	-
Meghalaya	-	-	-	-	-
Nagaland	1	-	34	5	-
Orissa	404	-	2	44	-
Pondicherry & Karikal	-	-	-	-	-
Punjab	764	1	7	3	1
Rajasthan	203	1	-	10	-
Tamil Nadu (excl. Ports)	247	-	-	30	-
Madras Port	66	-	-	-	-
Tripura	-	-	1	2	-
Uttar Pradesh	1099	1	121	9	-
West Bengal (excl. Calcutta)	483	1	123	315	5
Calcutta	1014	2	88	58	1
Arunachal Pradesh	-	-	-	1	-
Other Kerala Ports	-	-	2	3	-
Other Maharashtra	13	-	1	-	2
Mizoram	-	-	-	-	-
Other Tamil Nadu	595	-	-	3	-

Source: Directorate General of Commercial Intelligence and Statistics

- (1) Raw cotton figures relate to Cotton year ending August.  
(2) Total may not tally due to rounding off of the figures.

Note: Each of the three maritime states of Kerala, Tamil Nadu and Maharashtra is divided into three sub-trade blocks. The figures of the 3rd sub-trade block viz. "other ports" for all these States are not shown in the breakup. Hence the sum of the breakup is slight lower than the yearly total.



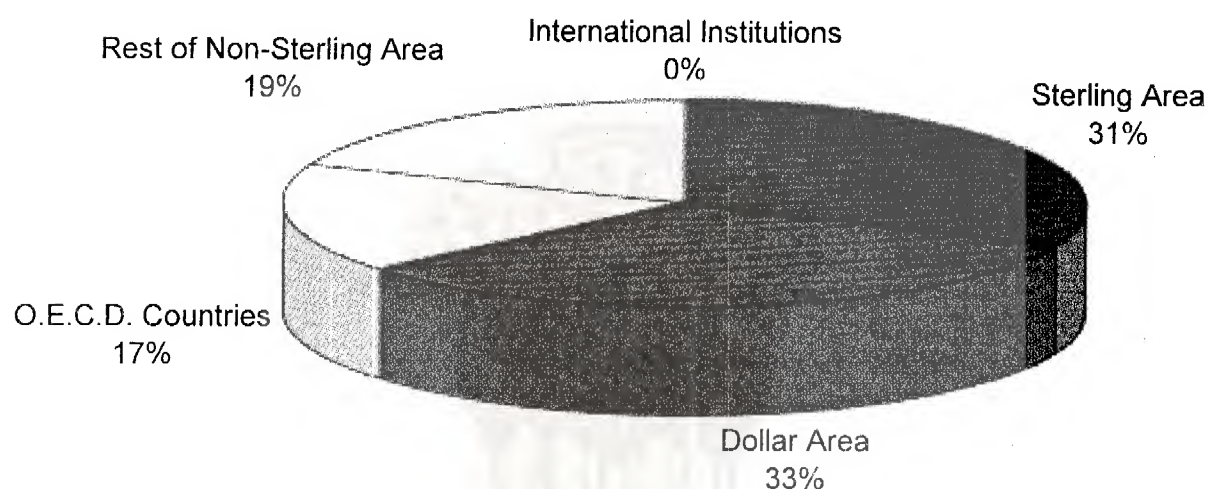
19

# BALANCE OF PAYMENTS

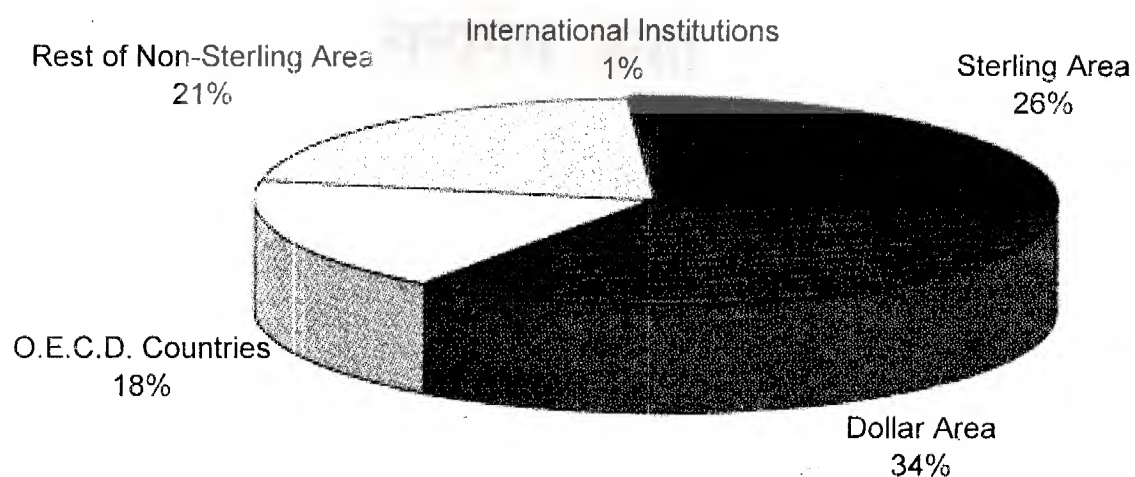




**BALANCE OF PAYMENTS : CURRENT ACCOUNT 1996-97**  
**( Rupees Crores )**  
**Credits**



**Debits**



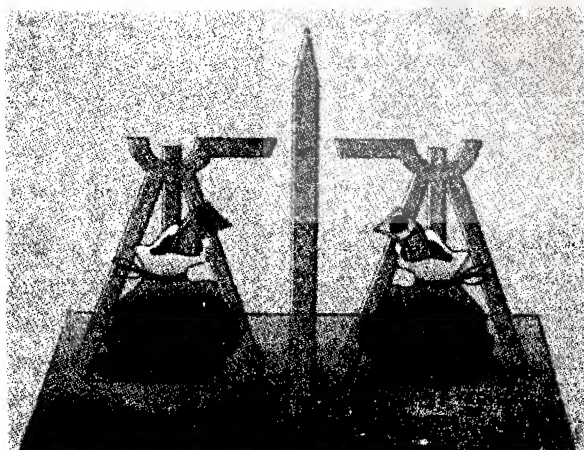
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## CHAPTER 16

# Balance of Payment

**T**he balance of payments is a systematic record of India's international economic transactions of residents with the rest of the world on account of merchandise, services, unrequited transfers and transfers of capital. Residents cover nationals as well as non-nationals residing in the country. Foreign students, tourists, foreign diplomatic officers and international institutions are not considered to be residents but diplomatic officers and armed forces of the country, stationed abroad, are treated as residents notwithstanding their physical location.

India's balance of payments statistics presented in this section are derived for the most part from Exchange Control Records and the basic data on most of the official transactions, not routed through the banking channels, are obtained from the Government agencies and the Reserve Bank of India.



**Table 16.1**

In this Table no. 16.1, format of presentation of Balance of Payments have been changed by R.B.I. from July, 1996. Revised series in the new format has been given from the year 1990-91 upto 1997-98.

### A. CURRENT ACCOUNT

Economic transactions that enter the current account are presented in two parts viz., i) Merchandise and ii) Invisibles. A surplus on current account leads to an acquisition of assets or repayment of debts previously contracted and a deficit involves withdrawal of previously accumulated assets or is met by borrowings.



**1. Merchandise-** It comprises imports and exports of movable goods. Imports are inclusive of insurance and freight. Although these two elements come, strictly speaking, under the category of services, exports are shown f.o.b., by removing the estimated portion of freight and insurance from those exports that are booked on c.f./c.i.f. basis.

## 2. Invisibles

**Travel Credit** - This item represents foreign tourists' expenditure during their stay in India and on the debit side it covers exchange sold for private and official travel.

**Transportation and insurance** - Receipts cover estimated portion of freight and insurance from the exports and disbursements of foreign ships and airlines in Indian ports etc. Payments include operating expenses abroad of Indian steamship and airline companies and some freight and insurance payments.

**Investment Income-** Receipts include interest earned on the investments of RBI and on holdings of SDRs, and payments include interest and commitment charges on foreign loans, on purchases from the IMF and those on cumulative allocation of SDRs.

**Govts., not included elsewhere** - The item includes receipts and payments on account of maintenance of embassies and diplomatic missions and offices of international institutions.

**Miscellaneous-** This item covers, mainly, agency services, technicians and professional services, royalties, film rentals, etc.

**Transfer payments-** Official transfer receipts represent contra entries for cash receipts and value of aid received in kind from foreign Governments and institutions and debits cover contributions to international organisations and official grants in cash or kind extended to foreign Governments. Since April 1964, receipt and payments

of pensions on Govt. account are included under this item. Private transfers comprise all unilateral transfers such as migrants' transfers, repatriation of savings, remittances for family maintenance, contributions and donations to religious and charitable institutions etc. Receipts also include imports under P.L. 480, Title II Programme. Since April 1964, receipts and payments of pension and retirement benefits etc. on private account are also covered under this head. Private transfer receipts also include the contra entry on account of Gold and Silver brought in by Indians returning from abroad. This treatment is effective from the inception of this scheme (i.e. 1992-93 onwards).

## B. CAPITAL ACCOUNT

Capital account is presented in five broad categories, viz., Foreign Investment, loans, banking, Rupee debt service and other capital.

**1. Foreign Investment :** This is further divided into (a) Investment in India and (b) Investment abroad. Investment in India - Direct (Credits) include direct investment by the non-residents (both cash and by way of financing import of goods/services including rights and bonus issues), the debits denote disinvestment. Portfolio investment includes purchase and sale of shares/ debentures etc., by the non-resident Indians and foreign financial institutions and also include Global Depository Receipts (GDRs) or American Depository Receipts (ADRs) issued abroad by the Indian corporates. Investments abroad denote investment abroad (both cash and by way of export of goods/services) by the Indian.

## 2. Loans :

(a) External Assistance: i) By India: Debits denote aid extended by India to other Governments under various agreements. Credits represent repayment of such loans. (ii) To India: Credits denote multilateral and bilaterals loans received under the agreements between Government of India and other Governments/ International institutions. Debits show repayment of such

loans by India, except loan repayment to erstwhile "Rupee Area" countries which are covered under the Rupee Debt Service. This item also includes loans under "Trust Fund" of the IMF.

**(b) Commercial Borrowings:** All medium/long term loans are included under this item. (i) **By India:** Debits denote loans extended by the Export-Import Bank of India (EXIM BANK) to various countries as well as deferred credit portion of exports made under deferred credit arrangements. Credits indicate repayment of such loans. (ii) **To India:** Credit denote drawal/utilisation of loans, including Buyers' Credits, Suppliers' Credits, Floating Rate Notes (FRNs), Commercial Paper (CP), credits under financial lease, Bonds, Foreign Currency Convertible Bonds (FCCB) issued abroad by the Indian Corporates. It also includes loans/credits for the defence related imports and India Development Bonds (IDB) issued by the State bank of India. Accrued interest on the cumulative portion of IDBs is also included under credits. Debits include repayment of loans, redemption of FRNs, FCCBs, CPs and IDBs. Transfer of IDBs in favour of Resident Indians are treated as redemption.

**c) Short term:** Drawals in respect of loans approved and utilised with a maturity of less than one year are included under credits. Debits denote repayment of such loans. Loans contracted by the Public Sector Units under the Bankers' Acceptance Facility (BAF) are also included under this item. However, this item does not cover the "trade credits" upto 180 days which do not require permission under the Exchange Control rules.

### 3. Banking Capital :

**(i) Assets and Liabilities:** Represent changes in the foreign assets and liabilities of 'Authorised dealers'. Authorised dealers' foreign assets consist of (a) foreign currency holdings, and (b) rupee overdrafts to non-resident banks. Their foreign liabilities consist of (a) foreign currency liabilities, and (b) rupee liabilities to non-resident banks and official and semi-official institutions. Credit entries (inflow) represent a fall in assets or an

increase in liabilities, while debit entries (outflows) represent an increase in assets or a fall in liabilities.

**(ii) Non-resident deposits:** Credits under this item include remittances received towards various non-resident deposit schemes viz., Foreign Currency Non-Resident Account (FCNRA) - discontinued in various phases up to August, 1994, foreign Currency Non-Resident Deposits (Banks) (FCNRB) introduced in May, 1993, Non Resident (External) rupee Account (NR(E)RA) (Since February, 1970), Non-resident Non-repatriable Rupee Deposits (NRNRD) introduced in June, 1992, foreign Currency (Banks and Others) Deposits (FCBOD) (discontinued in July, 1993) and Foreign Currency Ordinary non-repatriable deposits (FCON) (discontinued in May, 1994). Credits also include interest accrued and credited to these deposits accounts during the year. Debits denote redemption of these deposits.

**(iii) Others:** These include movement in balances of foreign central banks and international institutions like IBRD, IDA, ADB, IFC, IFAD etc. maintained with RBI as well as movement in balances held abroad in balances held abroad by the Embassies of Indian in London and Tokyo. This also include movements movements in technical credit granted to the erstwhile East European countries and their investments in Government Treasury Bills and deposits with the Government.

**4. Rupee Debt Service:** Interest payments on and principal repayments on account of civilian and non-civilian debt in respect of Rupee Payment Area (RPA), are clubbed together and shown separately under this item. This is in line with the recommendation of the High Level Committee on Balances of Payments (Chairman: Dr. C. Rangarajan).

**5. Other capital :** This is a residual item and includes all capital transactions not included elsewhere. It particularly includes funds held abroad, advance receipts under deferred exports, India's subscription to International institution, quota payments to IMF, delayed

export receipts, remittances towards recouping the losses of branches/subsidiaries etc. It also includes rupee value of gold acquisition by the RBI (monetisation of gold).

**Reserves :** Movements in the reserves comprise changes in the foreign currency assets held by the RBI, Gold by the RBI and SDR balances held by the Govt. of India. These are recorded after excluding changes on account of valuation. This item does not include Reserve position with the IMF.

**Table 16.2**

**Regional Balance of Payments-Current Account -**

This table provides data on the regional aspect of the current account. The area-wise division of current transactions shown is based on definition of these areas current during the various periods concerned as detailed below:

**Sterling Area-** All commonwealth countries (excluding Canada and Newfoundland ) together with Jordan, Muscat & Oman, Irish Republic and Iceland.

**Dollar Area -** Covers Salvador, United States of America, Canada ( including Newfoundland), Cuba,

Haiti, Dominion Republic, Puerto Rico, Virgin Island of the United States, Mexico, Guatemala, Honduras (not British), Nicaragua, Costa Rica, Colombia, Republic of Panama, Panama Canal Zone, Venezuela, Ecuador, Bolivia, Hawaii, Philippines, Liberia and American Samoa. Figures for 1950-51 refer to 'Hard Currency Area' comprising the United States of America, other American Account Countries, Canada, Liberia, Argentina and Japan. The last two ceased to be hard currency countries from January, 1951 and October 1951, respectively.

**O.E.C.D. Countries-** covers Sweden, Norway, Denmark, West Germany, Netherlands, Belgium, Luxembourg, France, Portugal, Switzerland, Italy, Austria, Greece, Turkey and Spain.

**Exchange rates:** Foreign currency transactions have been converted into rupees at the par/central rates upto June 1972 and on the basis of average of the Bank's spot buying and selling rates for sterling and the monthly averages of cross rates of non-sterling currencies based on London market thereafter. Effective March, 1993, conversion is made by crossing average spot buying and selling rate for US Dollar in the Forex market and the monthly averages of cross rates of non-dollar currencies based on London Market.



Table 16.1-OVERALL BALANCE OF PAYMENTS

(Rs. crores)

Items	1990-91			1993-94			1994-95		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>A. Current Account</b>									
I Merchandise	33152.6	50086.2	-16933.6	71146.0	83868.7	-12722.7	84328.50	112748.50	-28420.0
II Invisibles [a+b+c]	13393.6	13828.5	-434.9	35500.6	26413.7	9086.9	48838.4	31001.0	17837.4
a) Services	8167.1	6408.1	1759.0	16510.6	14833.9	1676.7	19258.8	17375.0	1883.8
i) Travel	2612.5	702.5	1910.0	6970.3	1558.5	5411.8	7423.80	2569.50	4854.3
ii) Transportation	1764.6	1961.0	-196.4	4494.9	5536.5	-1041.6	5328.10	5851.80	-523.7
iii) Insurance	198.4	158.4	40.0	388.1	611.8	-223.7	475.70	566.60	-90.9
iv) Government, not included elsewhere	27.3	311.2	-283.9	94.5	480.6	-386.1	28.30	518.40	-490.1
v) Miscellaneous	3564.3	3275.0	289.3	4562.8	6646.5	-2083.7	6002.90	7868.70	-1865.8
b) Transfer	4566.0	27.5	4538.5	17752.4	83.4	17669.0	26797.1	71.5	26725.6
vi) Official	829.3	1.8	827.5	1170.3	15.0	1155.3	1322.90	13.90	1309.0
vii) Private	3736.7	25.7	3711.0	16582.1	68.4	16513.7	25474.20	57.60	25416.6
c) Investment income	660.5	7392.9	-6732.4	1237.6	11496.4	-10258.8	2782.50	13554.50	-10772.0
<b>Total Current Account</b> [I+II]	46546.2	63914.7	-17368.5	106646.6	110282.4	-3635.8	133166.9	143749.5	-10582.6
<b>B. Capital Account</b>									
1. Foreign Investment [a+b]	201.8	18.3	183.5	14461.4	1179.9	13281.5	18085.5	2998.4	15087.1
a) In India	201.8	18.3	183.5	14461.4	1178.8	13282.6	18058.0	2608.6	15449.4
i) Direct	191.7	18.1	173.6	2041.6	203.8	1837.8	4241.00	25.00	4216.0
ii) Portfolio	10.1	0.2	9.9	12419.8	975.0	11444.8	13817.00	2583.60	11233.4
b) Abroad	-	-	-	-	1.1	-1.1	27.50	389.80	-362.3
2. Loans [a+b+c]	16922.4	6994.7	9927.7	31275.8	25590.1	5685.7	34328.9	24786.5	9542.4
a) External Assistance	6094.5	2140.1	3954.4	10903.5	4954.7	5948.8	10029.7	5256.5	4773.2
i) By India	-	10.5	-10.5	-	15.1	-15.1	4.30	29.40	-25.1
ii) To India	6094.5	2129.6	3964.9	10903.5	4939.6	5963.9	10025.40	5227.10	4798.3
b) Commercial Borrowings (MT & LT)	7683.8	3639.2	4044.6	9457.1	7307.7	2149.4	13346.7	9813.4	3533.3
i) By India	54.1	43.9	10.2	320.1	75.6	244.5	306.20	10.70	295.5
ii) To India	7629.7	3595.3	4034.4	9137	7232.1	1904.9	13040.50	9802.70	3237.8
c) Short Term to India	3144.1	1215.4	1928.7	10915.2	13327.7	-2412.5	10952.50	9716.60	1235.9
3. Banking Capital [a+b]	18133.4	16908.6	1224.8	36069.8	28971.3	7098.5	22033.5	23091.6	-1058.1
a) Commercial Banks	14282	12659.8	1622.2	33289.3	28091	5198.3	20243.9	22215.7	-1971.8
i) Assets	764.2	1415.8	-651.6	864.4	3513	-2648.6	755.80	3779.70	-3023.9
ii) Liabilities	334.5	817.1	-482.6	4665.8	598.8	4067.0	1263.90	751.00	512.9
iii) Non-Resident Deposits	13183.3	10426.9	2756.4	27759.1	23979.2	3779.9	18224.20	17685.00	539.2
b) Others	3851.4	4248.8	-397.4	2780.5	880.3	1900.2	1789.60	875.90	913.7
4. Rupee Debt Service	-	2139.8	-2139.8	-	3301.6	-3301.6	-	3089.60	-3089.6
5. Other Capital	5593.3	2128.7	3464.6	9013.5	3872.7	5140.8	6911.90	700.70	6211.2
<b>Total Capital Account</b> [1 to 5]	40850.9	28190.1	12660.8	90820.5	62915.6	27904.9	81359.8	54666.8	26693.0
<b>C. Errors &amp; Omissions</b>	236.8	-	236.8	2510.1	-	2510.1	2049.10	-	2049.1
<b>D. Overall Balance [A+B+C]</b>	87633.9	92104.8	-4470.9	199977.2	173198.0	26779.2	216575.8	198416.3	18159.5
<b>E. Monetary Movements [i+ii]</b>	5626.8	1155.9	4470.9	1006.9	27786.1	-26779.2	-	18159.5	-18159.5
i) I.M.F.	3333.7	1155.9	2177.8	1006.9	419.7	587.2	-	3585.00	-3585.0
ii) Foreign Exchange Reserves (Increase-/Decrease+)	2293.1	-	2293.1	-	27366.4	-27366.4	-	14574.5	14574.5

Table 16.1-OVERALL BALANCE OF PAYMENTS - Contd.

(Rs. crores)

Items	1995-96			1996-97			1997-98		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>A. Current Account</b>									
I. Merchandise	108481.1	146542.3	-38061.2	121193.5	173753.0	-52559.5	129515.9	190266.8	-60750.9
II. Invisibles [a+b+c]	59481.7	41027.2	18454.5	76533.8	39813.4	36720.4	85517.1	49321.2	36195.9
a) Services	24787.6	25449.5	-661.9	27007.1	23943.4	3063.7	34488.2	30157.1	4331.1
i) Travel	9150.3	3908.8	5241.5	10231.8	3049.3	7182.5	10879.6	5339.6	5540.0
ii) Transportation	6764.5	7279.5	-515.0	6942.4	8497.1	-1554.7	6652.1	9352.3	-2700.2
iii) Insurance	599.6	478.9	120.7	771.1	542.6	228.5	869.7	679.1	190.6
iv) Government, not included elsewhere	44.0	724.1	-680.1	256.9	634.7	-377.8	1037.6	593.8	443.8
v) Miscellaneous	8229.2	13058.2	-4829.0	8804.9	11219.7	-2414.8	15049.2	14192.3	856.9
b) Transfer	29962.1	129.2	29832.9	45715.7	290.5	45425.2	45234.2	164.9	45069.3
vi) Official	1193.7	21.0	1172.7	1507.4	50.3	1457.1	1304.9	-	1304.9
vii) Private	28768.4	108.2	28660.2	44208.3	240.2	43968.1	43929.3	164.9	43764.4
c) Investment income	4732.0	15448.5	-10716.5	3811.0	15579.5	-11768.5	5794.7	18999.2	-13204.5
<b>Total Current Account [I+II]</b>	167962.8	187569.5	-19606.7	197727.3	213566.4	-15839.1	215033.0	239588.0	-24555.0
<b>B. Capital Account</b>									
1. Foreign Investment [a+b]	19041.9	3418.2	15623.7	27342.0	6621.5	20720.5	33045.2	14612.4	18432.8
a) In India	18994.4	2720.8	16273.6	27309.20	5921.9	21387.3	32676.0	14114.6	18561.4
i) Direct	7277.2	100.7	7176.5	9728.6	76.5	9652.1	11970.5	123.6	11846.9
ii) Portfolio	11717.2	2620.1	9097.1	17580.6	5845.4	11735.2	20705.5	13991.0	6714.5
b) Abroad	47.5	697.4	-649.9	32.8	699.6	-666.8	369.2	497.8	-128.6
2. Loans [a+b+c]	38395.5	30421.5	7974.0	62989.9	46008.1	16981.8	64110.7	46688.5	17422.2
a) External Assistance	10101.4	6799.2	3302.2	10892.9	6923.2	3969.7	10795.0	7442.4	3352.6
i) By India	-	53.6	-53.6	-	28.6	-28.6	-	77.7	-77.7
ii) To India	10101.4	6745.6	3355.8	10892.9	6894.6	3998.3	10795.0	7364.7	3430.3
b) Commercial Borrowings (MT & LT)	14470.4	9892.4	4578.0	26896.0	16862.9	10033.1	27253.0	12653.3	14599.7
i) By India	30.0	-	30.0	29.50	-	29.5	42.3	-	42.3
ii) To India	14440.4	9892.4	4548.0	26866.5	16862.9	10003.6	27210.7	12653.3	14557.4
c) Short Term to India	13823.7	13729.9	93.8	25201.00	22222.0	2979.0	26062.7	26592.8	-530.1
3. Banking Capital [a+b]	21691.7	19246.7	2445.0	28394.2	20504.1	7890.1	33053.6	36243.4	-3189.8
a) Commercial Banks	20787.3	17704	3083.3	27052.0	19145.7	7906.3	30326.4	34838.9	-4512.5
i) Assets	2845.4	4319.9	-1474.5	2650.70	5738.3	-3087.6	2093.4	10214.1	-8120.7
ii) Liabilities	1270.9	534.3	736.6	362.60	1262.6	-900.0	193.0	909.1	-716.1
iii) Non-Resident Deposits	16671.0	12849.8	3821.2	24038.7	12144.8	11893.9	28040.0	23715.7	4324.3
b) Others	904.4	1542.7	-638.3	1342.20	1358.4	-16.2	2727.2	1404.5	1322.7
4. Rupee Debt Service	-	3105.5	-3105.5	-	2542.0	-2542.0	-	2783.5	-2783.5
5. Other Capital	2474.3	11140.4	-8666.1	9390.5	10267.4	-876.9	23821.9	9170.8	14651.1
<b>Total Capital Account [1 to 5]</b>	67332.3	14271.1	128116.6	85943.1	42173.5	154031.4	109498.6	44532.8	
<b>C. Errors &amp; Omissions</b>	1286.9	-	1286.9	-	2114.30	-2114.3	-	3324.0	-3324.0
<b>D. Overall Balance [A+B+C]</b>	250853.1	254901.8	-4048.7	325843.9	301623.8	24220.1	369064.4	352410.6	16653.8
<b>E. Monetary Movements [i+ii]</b>	9797.7	5749.0	4048.7	-	24220.1	-24220.1	5900.5	22554.3	-16653.8
i) I.M.F.	-	5749	-5749.0	-	3461.2	-3461.2	-	2286.2	-2286.2
ii) Foreign Exchange Reserves (Increase-/Decrease+)	9797.7	-	9797.7	-	20758.9	-20758.9	5900.5	20268.1	-14367.6

Source: Reserve Bank of India

Table 16.2- REGIONAL BALANCE OF PAYMENTS

(Rs.crores)

Items	1991-92			1992-93			1993-94		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>Sterling Area</b>									
1. Merchandise	7626.1	12301.7	-4675.6	16875.0	24289.6	-7414.6	20947.8	34519.6	-13571.8
2. Invisibles	4432.4	2677.8	1754.6	10302.2	5104.6	5197.6	15125.5	6323.9	8801.6
Services	2361.4	1962.6	398.8	2524.8	3430.1	-905.3	3564.0	4750.7	-1186.7
Foreign Travel	839.2	231.1	608.1	1328.7	313.5	1015.2	1470.1	493.8	976.3
Transportation	304.0	677.0	-373.0	677.9	1332.1	-654.2	975.0	1731.3	-756.3
Insurance	45.7	133.5	-87.8	138.2	392.5	-254.3	131.9	450.3	-318.4
Government,not included elsewhere	2.0	72.0	-70.0	-10.4	85.4	-95.8	6.8	151.3	-144.5
Miscellaneous	1170.5	849.0	321.5	390.4	1306.6	-916.2	980.2	1924.0	-943.8
Transfers	1941.8	7.0	1934.8	7473.9	11.0	7462.9	11417.6	21.6	11396.0
Official	200.3	0.2	200.1	303.5	-	303.5	215.9	2.6	213.3
Private	1741.5	6.8	1734.7	7170.4	11.0	7159.4	11201.7	19.0	11182.7
Investment income	129.2	708.2	-579.0	303.5	1663.5	-1360.0	143.9	1551.6	-1407.7
<b>Total Current</b>									
<b>Balance [1+2]</b>	12058.5	14979.5	-2921.0	27177.2	29394.2	-2217.0	36073.3	40843.5	-4770.2
<b>Dollar Area</b>									
1. Merchandise	5424.8	9191.7	-3766.9	11332.2	12730.4	-1398.2	13969.7	11178.9	2790.8
2. Invisibles	4017.9	4984.6	-966.7	8621.2	7449.4	1171.8	11175.6	8428.4	2747.2
Services	2673.5	1643.5	1030	5913.9	3742.5	2171.4	7403.8	5001.1	2402.7
Foreign Travel	1008.9	206.1	802.8	3442.9	351.9	3091.0	3632.1	383.1	3249.0
Transportation	430.0	631.9	-201.9	846.7	1705.9	-859.2	1616.0	2237.9	-621.9
Insurance	15.8	10.1	5.7	29.8	18.3	11.5	33.0	57.4	-24.4
Government,not included elsewhere	4.6	60.0	-55.4	3.2	71.0	-67.8	13.6	79.5	-65.9
Miscellaneous	1214.2	735.4	478.8	1591.3	1595.4	-4.1	2109.1	2243.2	-134.1
Transfers	1135.7	13.1	1122.6	2430.9	13.2	2417.7	3198.6	10.7	3187.9
Official	224.9	-	224.9	356.8	2.3	354.5	328.6	1.3	327.3
Private	910.8	13.1	897.7	2074.1	10.9	2063.2	2870.0	9.4	2860.6
Investment income	208.7	3328.0	-3119.3	276.4	3693.7	-3417.3	573.2	3416.6	-2843.4
<b>Total Current</b>									
<b>Balance [1+2]</b>	9442.7	14176.3	-4733.6	19953.4	20179.8	-226.4	25145.3	19607.3	5538.0

Table 16.2- REGIONAL BALANCE OF PAYMENTS - Contd.

(Rs.crores)

Items	1994-95			1995-96			1996-97		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>Sterling Area</b>									
1. Merchandise	25293.9	34595.0	-9301.1	36018.1	66233.6	-30215.5	37711.6	43412.1	-5700.5
2. Invisibles	18637.6	8551.5	10086.1	22893.0	10568.6	12324.4	23716.3	11253.3	12463.0
Services	4543.6	5173.2	-629.6	6289.8	6273.8	16.0	7830.2	5772.2	2058.0
Foreign Travel	1694.0	871.8	822.2	2617.0	1100.1	1516.9	2150.5	529.8	1620.7
Transportation	1361.1	1756.0	394.9	1722.3	2135.2	-412.9	1752.5	2499.0	-746.5
Insurance	173.4	387.9	-214.5	236.1	265.9	-29.8	330.4	422.5	-92.1
Government, not included elsewhere	15.4	105.6	-90.2	16.6	268.7	-252.1	62.4	187.1	-124.7
Miscellaneous	1299.7	2051.9	-752.2	1697.8	2503.9	-806.1	3534.4	2133.8	1400.6
Transfers	13756.4	18.2	13738.2	15455.5	35.1	15420.4	15609.3	67.6	15541.7
Official	208.9	1.9	207.0	327.7	2.0	325.7	304.2	9.7	294.5
Private	13547.5	16.3	13531.2	15127.8	33.1	15094.7	15305.1	57.9	15247.2
Investment income	337.6	3360.1	-3022.5	1147.7	4259.7	-3112.0	276.8	5413.5	-5136.7
<b>Total Current</b>									
<b>Balance [1+2]</b>	43931.5	43146.5	785.0	58911.1	76802.2	-17891.1	61427.9	54665.4	6762.5
<b>Dollar Area</b>									
1. Merchandise	18957.1	26554.0	-7596.9	21662.9	11794.8	9868.1	26504.5	56122.1	-29617.6
2. Invisibles	17018.1	9897.3	7120.8	23311.2	15415.0	7896.2	37732.0	16586.6	21145.4
Services	7882.7	6139.5	1743.2	11493.6	10532.9	960.7	11865.3	11661.4	203.9
Foreign Travel	3559.6	776.5	2783.1	4137.0	1580.5	2556.5	6172.5	1795.0	4377.5
Transportation	1641.5	2429.2	-787.7	2555.4	2902.4	-347.0	2476.9	3552.4	-1075.5
Insurance	46.0	92.9	-46.9	52.0	163.1	-111.1	124.1	77.9	46.2
Government, not included elsewhere	7.2	116.9	-109.7	20.3	94.6	-74.3	119.6	146.8	-27.2
Miscellaneous	2628.4	2724.0	-95.6	4728.9	5792.3	-1063.4	2972.2	5089.3	-3117.1
Transfers	7709.9	37.1	7672.8	8905.4	69.0	8836.4	23024.7	167.3	22857.4
Official	354.0	4.0	350.0	266.9	5.1	261.8	339.6	21.5	318.1
Private	7355.9	33.1	7322.8	8638.5	63.9	8574.6	22685.1	145.8	22539.3
Investment income	1425.5	3720.7	-2295.2	2912.2	4813.1	-1900.9	2842	4757.9	-1915.9
<b>Total Current</b>									
<b>Balance [1+2]</b>	35975.2	36451.3	476.1	44974.1	27209.8	17764.3	64236.5	72708.7	-8472.2



Table 16.2- REGIONAL BALANCE OF PAYMENTS- CURRENT ACCOUNT - Contd.

(Rs.crores)

Items	1990-91			1992-93			1993-94		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	2	3	4	5	6	7	8	9	10
<b>O.E.C.D. Countries</b>									
1. Merchandise	8101.9	9845.3	-1743.4	13510.6	15567.5	-2056.9	19804.2	14528.9	5275.3
2. Invisibles	2362.8	2459.7	-96.9	4177.6	3721.8	455.8	4647	4406.4	240.6
Services	1421	1479.8	-58.8	2181.7	2250.2	-68.5	2693.1	2808.5	-115.4
Foreign Travel	487.9	149.2	338.7	714.3	313.1	401.2	949.4	402.4	547.0
Transportation	363.8	389.2	-25.4	614.4	850.9	-236.5	1002.7	1148.2	-145.5
Insurance	45.7	13.1	32.6	74.5	30.2	44.3	104.6	75.0	29.6
Government, n.i.e.	12.3	57.6	-45.3	10.7	44.1	-33.4	65.5	89.2	-23.7
Miscellaneous	511.3	870.7	-359.4	767.8	1011.9	-244.1	570.9	1093.7	-522.8
Transfer payments	810.7	5.5	805.2	1719.8	11.7	1708.1	1683.0	14.7	1668.3
Official	291.2	1.6	289.6	359.5	-	359.5	389.0	9.1	379.9
Private	519.5	3.9	515.6	1360.3	11.7	1348.6	1294.0	5.6	1288.4
Investment income	131.1	974.4	-843.3	276.1	1459.9	-1183.8	270.9	1583.2	-1312.3
<b>Total Current Balance [1+2]</b>	10464.7	12305.0	-1840.3	17688.2	19289.3	-1601.1	24451.2	18935.3	5515.9
<b>Rest of Non-sterling Area</b>									
1. Merchandise	11999.8	18747.5	-6747.7	13044.2	19412.2	-6368.0	16424.3	23641.3	-7217.0
2. Invisibles	2418.7	1865.7	553.0	3637.5	2944.2	693.3	4380.6	3747	633.6
Services	1698.7	1318.2	380.5	2844.0	1548.1	1295.9	2841.2	2272.4	568.8
Foreign Travel	276.5	116.1	160.4	574.3	197.9	376.4	917.8	279.0	638.8
Transportation	666.8	262.9	403.9	711.4	658.1	53.3	901.2	419.0	482.2
Insurance	91.2	1.7	89.5	216.9	7.9	209.0	118.6	29.1	89.5
Government, n.i.e.	-3.3	121.6	-124.9	-13.5	79.6	-93.1	4.2	160.6	-156.4
Miscellaneous	667.5	815.9	-148.4	1354.9	604.6	750.3	899.4	1384.7	-485.3
Transfer payments	596.4	1.9	594.5	691.2	1.4	689.8	1375.6	36.4	1339.2
Official	31.5	-	31.5	35.2	-	35.2	159.2	2.0	157.2
Private	564.9	1.9	563.0	656.0	1.4	654.6	1216.4	34.4	1182.0
Investment income	123.6	545.6	-422.0	102.3	1394.7	-1292.4	163.8	1438.2	-1274.4
<b>Total Current Balance [1+2]</b>	14418.5	20613.2	-6194.7	16681.7	22356.4	-5674.7	20804.9	27388.3	-6583.4
<b>International Institutions</b>									
1. Merchandise	-	-	-	-	-	-	-	-	-
2. Invisibles	161.8	1840.7	-1678.9	257.0	3301.3	-3044.3	171.9	3508.0	-3336.1
Services	12.5	4.0	8.5	211.4	6.4	205.0	8.5	1.2	7.3
Foreign Travel	-	-	-	0.1	0.5	-0.4	0.9	0.2	0.7
Transportation	-	-	-	-	-	-	-	0.1	-0.1
Insurance	-	-	-	-	-	-	-	-	-
Government, n.i.e.	11.7	-	11.7	204.5	-	204.5	4.4	-	4.4
Miscellaneous	0.8	4.0	-3.2	6.8	5.9	0.9	3.2	0.9	2.3
Transfer payments	81.4	0.0	81.4	-	-	-	77.6	-	77.6
Official	81.4	-	81.4	-	-	-	77.6	-	77.6
Private	-	-	-	-	-	-	-	-	-
Investment income	67.9	1836.7	-1768.8	45.6	3294.9	-3249.3	85.8	3506.8	-3421.0
<b>Total Current Balance [1+2]</b>	161.8	1840.7	-1678.9	257.0	3301.3	-3044.3	171.9	3508.0	-3336.1

Table 16.2- REGIONAL BALANCE OF PAYMENTS- CURRENT ACCOUNT - Contd.

(Rs.crores)

Items	1994-95			1995-96			1996-97		
	Credits	Debits	Net	Credits	Debits	Net	Credits	Debits	Net
1	11	12	13	14	15	16	17	18	19
<b>O.E.C.D. Countries</b>									
1. Merchandise	20492.1	23146.9	-2654.8	25488.1	31677.9	-6189.8	26684.3	33213.4	-6529.1
2. Invisibles	6877.7	4946.7	1931	7225.7	6990.8	234.9	7530.7	5781.5	1749.2
Services	3266.0	3560.2	-294.2	3426.8	5281.0	-1854.2	3174.0	3977.6	-803.6
Foreign Travel	1361.8	512.4	849.4	1209.6	396.8	812.8	907.1	263.6	643.5
Transportation	1140.0	1094.4	45.6	1181.3	1597.9	-416.6	1144.6	1665.5	-520.9
Insurance	108.2	65.8	42.4	135.3	42.3	93.2	146.8	34.9	111.9
Government, n.i.e.	1.3	127.4	-126.1	1.5	111.4	-109.9	57.3	120.0	-62.7
Miscellaneous	654.7	1760.2	-1105.5	898.9	3132.6	-2233.7	918.2	1893.6	-975.4
Transfer payments	2939.7	11.0	2928.7	3277.4	19.5	3257.9	3749.8	40.5	3709.3
Official	549.7	6.1	543.6	421.3	13.0	408.3	631.9	16.9	615.0
Private	2390.0	4.9	2385.1	2856.1	6.5	2849.6	3117.9	23.6	3094.3
Investment income	672.0	1375.5	-703.5	521.5	1690.3	-1168.8	606.9	1763.4	-1156.5
<b>Total Current Balance [1+2]</b>	<b>27369.8</b>	<b>28093.6</b>	<b>-723.8</b>	<b>32713.8</b>	<b>38668.7</b>	<b>-5954.9</b>	<b>34215.0</b>	<b>38994.9</b>	<b>-4779.9</b>
<b>Rest of Non-sterling Area</b>									
1. Merchandise	19585.4	28452.6	-8867.2	25312.0	36836.0	-11524.0	30293.1	41005.4	-10712.3
2. Invisibles	6164.3	4072.6	2091.7	5896.8	6264.7	-367.9	7552.2	4051.3	3500.9
Services	3559.1	2490.7	1068.4	3533.9	3357.6	176.3	4255.2	2524.7	1730.5
Foreign Travel	808.5	407.9	400.6	1186.8	829.5	357.3	1001.7	458.2	543.5
Transportation	1185.4	572.2	613.2	1305.5	642.2	663.3	1568.4	780.2	788.2
Insurance	148.1	20.0	128.1	176.0	7.6	168.4	169.8	7.3	162.5
Government, n.i.e.	3.9	158.1	-154.2	0.4	249.4	-249.0	13.2	180.6	-167.4
Miscellaneous	1413.2	1332.5	80.7	865.2	1628.9	-763.7	1502.1	1098.4	403.7
Transfer payments	2265.5	5.2	2260.3	2225.7	5.4	2220.3	3217.4	15.1	3202.3
Official	84.7	1.9	82.8	87.1	0.7	86.4	117.2	2.2	115.0
Private	2180.8	3.3	2177.5	2138.6	4.7	2133.9	3100.2	12.9	3087.3
Investment income	339.7	1576.7	-1237.0	137.2	2901.7	-2764.5	79.6	1511.5	-1431.9
<b>Total Current Balance [1+2]</b>	<b>25749.7</b>	<b>32525.2</b>	<b>-6775.5</b>	<b>31208.8</b>	<b>43100.7</b>	<b>-11891.9</b>	<b>37845.3</b>	<b>45056.7</b>	<b>-7211.4</b>
<b>International Institutions</b>									
1. Merchandise	-	-	-	-	-	-	-	-	-
2. Invisibles	140.7	3532.9	-3392.2	155.0	1788.1	-1633.1	2.6	2140.7	-2138.1
Services	7.4	11.4	-4.0	43.6	4.2	39.4	117.6	7.5	-125.1
Foreign Travel	-	0.9	-0.9	-	1.9	-1.9	-	2.7	-2.7
Transportation	-	-	-	-	1.7	-1.7	-	-	-
Insurance	-	-	-	-	-	-	-	-	-
Government, n.i.e.	0.5	10.4	-9.9	5.2	-	5.2	4.4	0.2	4.2
Miscellaneous	6.9	0.1	6.8	38.4	0.6	37.8	-122	4.6	-126.6
Transfer payments	125.6	-	125.6	98.0	0.2	97.8	114.5	-	114.5
Official	125.6	-	125.6	90.6	0.2	90.4	114.5	-	114.5
Private	-	-	-	7.4	-	-	-	-	-
Investment income	7.7	3521.5	-3513.8	13.4	1783.7	-1770.3	5.7	2133.2	-2127.5
<b>Total Current Balance [1+2]</b>	<b>140.7</b>	<b>3532.9</b>	<b>-3392.2</b>	<b>155.0</b>	<b>1788.1</b>	<b>-1633.1</b>	<b>2.6</b>	<b>2140.7</b>	<b>-2138.1</b>

**Table 16.3-EXTERNAL ASSISTANCE-AUTHORISATION AND  
UTILISATION CLASSIFIED BY SOURCE**

(Rs.crores)

Source and type of assistance	Authorisation							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>I. Consortium Members</b>								
(a) Loans	6787.8	10046.6	8982.0	10221.7	10717.5	9951.1	11851.4	12568.6
(b) Grants	516.8	754.6	910.1	1685.3	1040.4	1128.2	2753.8	1184.0
Total	7304.6	10801.2	9892.1	11907.0	11757.9	11079.3	14605.2	13752.6
<b>Country-wise Distribution</b>								
<b>(i) Austria</b>								
(a) Loans	-	25.1	-	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	-	25.1	-	-	-	-	-	-
<b>(ii) Belgium</b>								
(a) Loans	-	-	23.7	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	-	-	23.7	-	-	-	-	-
<b>(iii) Canada</b>								
(a) Loans	-	-	-	-	-	-	-	-
(b) Grants	-	10.6	49.8	-	15.9	-	76.3	31.8
Total	-	10.6	49.8	-	15.9	-	76.3	31.8
<b>(iv) Denmark</b>								
(a) Loans	-	-	-	-	-	50.0	-	-
(b) Grants	7.4	40.1	178.1	120.5	35.3	-	374.8	64.7
Total	7.4	40.1	178.1	120.5	35.3	50.0	374.8	64.7
<b>(v) France</b>								
(a) Loans	1.3	118.3	-	211.1	145.9	249.7	275.4	77.8
(b) Grants	-	11.6	4.0	0.7	9.0	3.1	2.2	-
Total	1.3	129.9	4.0	211.8	154.9	252.8	277.6	77.8
<b>(vi) Germany</b>								
(a) Loans	1069.3	129.4	1097.3	171.7	308.7	452.6	1340.5	503.7
(b) Grants	11.4	3.0	-	233.9	376.2	186.6	198.5	333.3
Total	1080.7	132.4	1097.3	405.6	684.9	639.2	1539.0	837.0
<b>(vii) Italy</b>								
(a) Loans	57.1	-	-	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	57.1	-	-	-	-	-	-	-
<b>(viii) Japan</b>								
(a) Loans	1640.9	2637.7	2739.5	4233.7	3956.6	4472.4	4193.5	4007.2
(b) Grants	61.6	39.3	104.0	109.4	123.2	203.8	46.9	91.1
Total	1702.5	2677.0	2843.5	4343.1	4079.8	4676.2	4240.4	4098.3
<b>(ix) Netherlands</b>								
(a) Loans	101.0	98.2	-	-	-	-	-	111.0
(b) Grants	126.2	19.9	22.0	166.3	178.4	293.2	479.5	362.0
Total	227.2	118.1	22.0	166.3	178.4	293.2	479.5	473.0
<b>(x) Sweden</b>								
(a) Loans	-	-	-	1141.2	-	-	-	-
(b) Grants	19.4	125.2	193.2	90.6	32.3	192.4	473.1	23.8
Total	19.4	125.2	193.2	1231.8	32.3	192.4	473.1	23.8
<b>(xi) U.K.</b>								
(a) Loans	-	42.8	-	-	-	-	-	-
(b) Grants	253.2	451.1	209.6	900.3	267.4	109.8	974.9	163.4
Total	253.2	493.9	209.6	900.3	267.4	109.8	974.9	163.4



Table 16.3-EXTERNAL ASSISTANCE-AUTHORISATION AND UTILISATION CLASSIFIED BY SOURCE - Contd.

(Rs.crore)

Source and type of assistance	Authorisation							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>(xii) U.S.A.</b>								
(a) Loans	-	-	-	-	-	-	-	-
(b) Grants	37.6	53.8	149.5	62.5	-	139.3	56.6	113.9
Total	37.6	53.8	149.5	62.5	-	139.3	56.6	113.9
<b>(xiii) I.B.R.D.Loans</b>								
(a) Loans	2219.0	3670.3	1768.4	2250.3	2637.6	1476.1	2348.2	4448.3
(b) Grants	-	-	-	1.1	2.7	-	71.0	-
Total	2219.0	3670.3	1768.4	2251.4	2640.3	1476.1	2419.2	4448.3
<b>(xiv) I.D.A.Loans</b>	1698.4	3324.8	3353.0	2213.7	3668.7	3250.3	3693.8	3420.6
<b>II. Others</b>								
(a) Loans	813.5	1759.2	4100.2	1397.1	1666.8	882.1	2237.7	2411.0
(b) Grants	5.3	147.2	101.5	729.8	35.4	201.8	160.6	916.9
Total	818.8	1906.4	4201.7	2126.9	1702.2	1083.9	2398.3	3327.9
<b>Country-Wise Distribution</b>								
<b>(i) Switzerland</b>								
(a) Loans	-	101.0	-	-	-	-	-	-
(b) Grants	5.3	130.3	22.0	21.8	4.3	0.9	14.8	44.2
Total	5.3	231.3	22.0	21.8	4.3	0.9	14.8	44.2
<b>(ii) European Economic Community</b>								
(a) Loans	-	-	-	-	-	-	-	-
(b) Grants	-	-	46.4	703.0	-	200.9	130.8	823.1
Total	-	-	46.4	703.0	-	200.9	130.8	823.1
<b>(iii) O.P.E.C.Fund</b>								
Loans	11.6	-	-	-	-	-	-	37.1
<b>(iv) International Fund for Agricultural Development</b>								
Loans	-	48.5	-	-	86.8	48.7	-	-
<b>(v) ADB</b>								
Loans	801.9	1609.7	4060.1	1397.1	1580.0	833.4	2237.7	2337.6
<b>(vi) Spain</b>								
(a) Loans	-	-	-	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-
<b>(vii) Norway</b>								
(a) Loans	-	-	-	-	-	-	-	36.3
(b) Grants	-	16.9	33.1	5.0	31.1	-	14.9	49.6
Total	-	16.9	33.1	5.0	31.1	-	14.9	85.9
<b>(viii) Australia</b>								
(a) Loans	-	-	40.1	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	-	-	40.1	-	-	-	-	-
<b>Grand Total</b>	8123.4	12707.6	14093.8	14033.9	13460.1	12163.2	17003.5	170805.0
(a) Loans	7601.3	11805.8	13082.1	11618.8	12384.3	10833.2	14089.1	14979.5
(b) Grants	522.1	901.8	1011.7	2415.1	1075.8	1330.0	2914.4	2101.0

Note: Figures of authorisation of assistance include agreements signed on Government and non-Government accounts.

**Table 16.3-EXTERNAL ASSISTANCE-AUTHORISATION AND  
UTILISATION CLASSIFIED BY SOURCE - Contd.**

(Rs. crores)

Source and type of assistance	Utilisation							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>I. Consortium Members</b>								
(a) Loans	5383.5	9152.8	8949.0	10241.7	8328.8	8018.9	8548.6	8625.9
(b) Grants	413.0	748.6	710.5	689.3	716.5	885.1	711.6	643.8
Total	5796.5	9901.4	9659.5	10931.0	9045.3	8904.0	9260.2	9269.7
<b>Country-wise Distribution</b>								
<b>(i) Austria</b>								
(a) Loans	18.7	6.9	13.7	17.3	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	18.7	6.9	13.7	17.3	-	-	-	-
<b>(ii) Belgium</b>								
(a) Loans	-	3.0	11.4	-	4.1	0.2	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	-	3.0	11.4	-	4.1	0.2	-	-
<b>(iii) Canada</b>								
(a) Loans	-	-	-	-	-	-	-	-
(b) Grants	15.8	21.0	25.9	20.1	3.4	1.3	3.4	7.2
Total	15.8	21.0	25.9	20.1	3.4	1.3	3.4	7.2
<b>(iv) Denmark</b>								
(a) Loans	0.1	0.2	0.6	-	-	-	-	14.2
(b) Grants	57.1	52.4	24.5	37.9	40.9	23.2	22.4	22.3
Total	57.2	52.6	25.1	37.9	40.9	23.2	22.4	36.5
<b>(v) France</b>								
(a) Loans	164.2	252.0	354.1	175.3	74.1	191.1	128.0	222.5
(b) Grants	-	-	0.7	6.0	2.7	2.4	3.8	2.3
Total	164.2	252.0	354.8	181.3	76.8	193.5	131.8	224.8
<b>(vi) Germany</b>								
(a) Loans	422.3	840.3	1085.2	677.1	492.9	605.5	586.8	456.6
(b) Grants	0.4	0.9	0.4	-	87.2	14.9	23.3	37.6
Total	422.7	841.2	1085.6	677.1	580.1	620.4	610.1	494.2
<b>(vii) Italy</b>								
(a) Loans	10.6	61.3	10.8	-	-	-	-	-
(b) Grants	-	-	-	-	-	-	-	-
Total	10.6	61.3	10.8	-	-	-	-	-
<b>(viii) Japan</b>								
(a) Loans	861.3	1873.5	1327.5	3192.7	2126.8	2716.0	1959.2	2650.4
(b) Grants	33.6	95.9	41.1	162.6	85.6	88.7	113.9	119.7
Total	894.9	1969.4	1368.6	3355.3	2212.4	2804.7	2073.1	2770.1
<b>(ix) Netherlands</b>								
(a) Loans	125.3	73.9	13.2	-	-	-	-	-
(b) Grants	67.8	111.5	252.7	137.2	132.4	367.6	119.3	122.9
Total	193.1	185.4	265.9	137.2	132.4	367.6	119.3	122.9

**Table 16.3-EXTERNAL ASSISTANCE-AUTHORISATION AND  
UTILISATION CLASSIFIED BY SOURCE - Contd.**

(Rs.crores)

Source and type of assistance	Utilisation							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>(x) Sweden</b>								
(a) Loans	164.8	97.6	66.4	63.4	100.0	47.2	108.8	-
(b) Grants	34.2	59.4	46.8	86.6	103.6	66.7	98.2	45.2
Total	199.0	157.0	113.2	150.0	203.6	113.9	207.0	45.2
<b>(xi) U.K.</b>								
(a) Loans	-	35.8	-	-	-	-	-	-
(b) Grants	181.7	361.7	309.8	221.0	211.9	281.8	303.0	195.0
Total	181.7	397.5	309.8	221.0	211.9	281.8	303.0	195.0
<b>(xii) U.S.A.</b>								
(a) Loans	34.5	52.4	68.5	-	-	-	-	-
(b) Grants	22.4	45.8	8.6	17.3	35.2	37.8	23.0	52.7
Total	56.9	98.2	77.1	17.3	35.2	37.8	23.0	52.7
<b>(xiii) I.B.R.D.</b>								
(a) Loans	2184.6	3294.8	2582.0	4021.8	2353.7	1991.6	2412.2	2158.7
(b) Grants	-	-	-	0.6	13.6	0.7	1.3	29.7
Total	2184.6	3294.8	2582.0	4022.4	2367.3	1992.3	2413.5	2188.4
<b>(xiv) I.D.A.</b>								
(a) Loan	1388.6	2547.5	3407.3	2082.9	3149.9	2438.4	3306.4	3063.7
(b) Grants	-	-	-	-	-	-	-	8.6
Total	1388.6	2547.5	3407.3	2082.9	3149.9	2438.4	3306.4	3072.3
<b>(xv) IFAD</b>								
(a) Loan	8.5	13.6	8.3	11.2	27.3	28.9	47.2	59.8
(b) Grants	-	-	-	-	-	-	-	0.6
Total	8.5	13.6	8.3	11.2	27.3	28.9	47.2	60.4
<b>II. European Countries</b>								
Loans	312.8	137.4	34.8	(-)0.6	-	-	0.1	-
<b>Country-Wise Distribution</b>								
<b>(i) Russia Federation</b>								
Loans	295.3	137.4	34.8	(-)0.6	-	-	0.1	-
<b>(ii) Republic of Czech and Slovak</b>								
Loans	17.5	-	-	-	-	-	-	-
<b>III. Others</b>								
(a) Loans	473.7	1405.7	1118.4	654.3	1635.7	1939.7	2337.4	2258.9
(b) Grants	121.3	170.5	169.1	196.3	199.5	178.5	362.0	277.5
Total	595.0	1576.2	1287.5	850.6	1835.2	2118.2	2699.4	2536.4
<b>(i) Switzerland</b>								
(a) Loans	18.6	1.6	45.8	21.1	30.1	5.1	4.1	-
(b) Grants	1.1	64.2	71.3	61.6	37.6	10.5	26.5	7.1
Total	19.7	65.8	117.1	82.7	67.7	15.6	30.6	7.1



**Table 16.3-EXTERNAL ASSISTANCE-AUTHORISATION AND  
UTILISATION CLASSIFIED BY SOURCE - Concl'd.**

(Rs.crores)

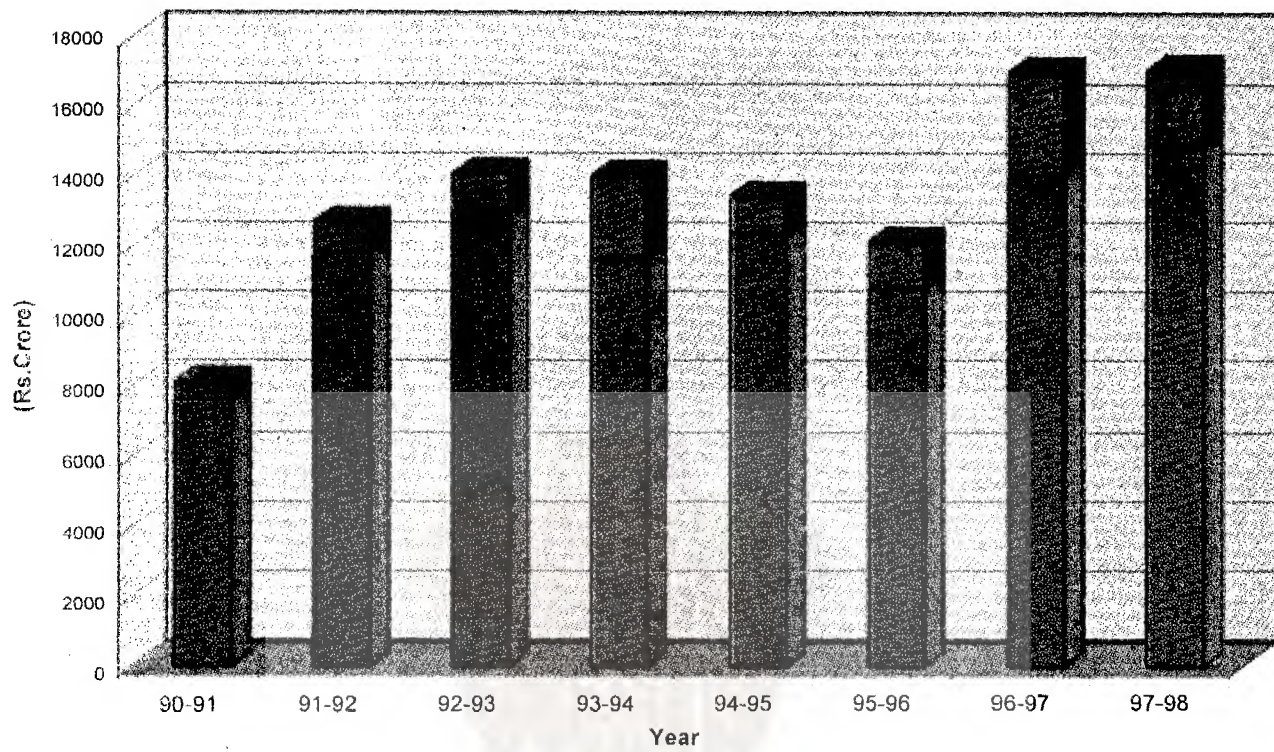
Source and type of assistance	Utilisation							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>(iii) Other International</b>								
Institutions (1)								
Grants	48.9	30.6	34.6	33.5	35.5	27.2	18.6	26.5
<b>(iv) European Economic Community</b>								
Grants	51.2	41.2	42.3	91.3	115.5	135.9	309.7	227.5
<b>(v) Oil Producing and Exporting Countries</b>								
(a) Loans	9.8	18.1	10.1	5.3	2.0	-	2.41	11.1
<b>(vi) Saudi Arab Fund for Development</b>								
(a) Loans	29.7	26.5	2.2	5.2	1.3	-	25.95	4.9
<b>(vii) Norway</b>								
(b) Grants	20.1	34.5	20.9	9.9	10.9	4.9	7.24	16.4
<b>(viii) Spain</b>								
(a) Loans	33.2	7.6	-	-	-	-	-	-
<b>(ix) Kuwait Fund for Arab</b>	1.3	-	5.6	8.8	3.9	16.9	22.2	9.0
<b>(x) ADB</b>								
Loans	381.1	1351.9	1051.8	607.3	1582.4	1907.9	2280.9	2230.0
<b>(xi) Australia</b>								
Loans	-	-	2.9	6.6	16.0	9.8	1.9	3.9
<b>GRAND TOTAL</b>	6704.3	11615.0	10981.8	11781.0	10880.5	11022.2	11959.7	11806.1
(a) Loans	6170.0	10695.9	10102.2	10895.4	9964.5	9958.6	10886.1	10884.8
(b) Grants	534.3	919.1	879.6	885.6	916.0	1063.6	1073.6	921.3

Source: Department of Economic Affairs, Ministry of Finance

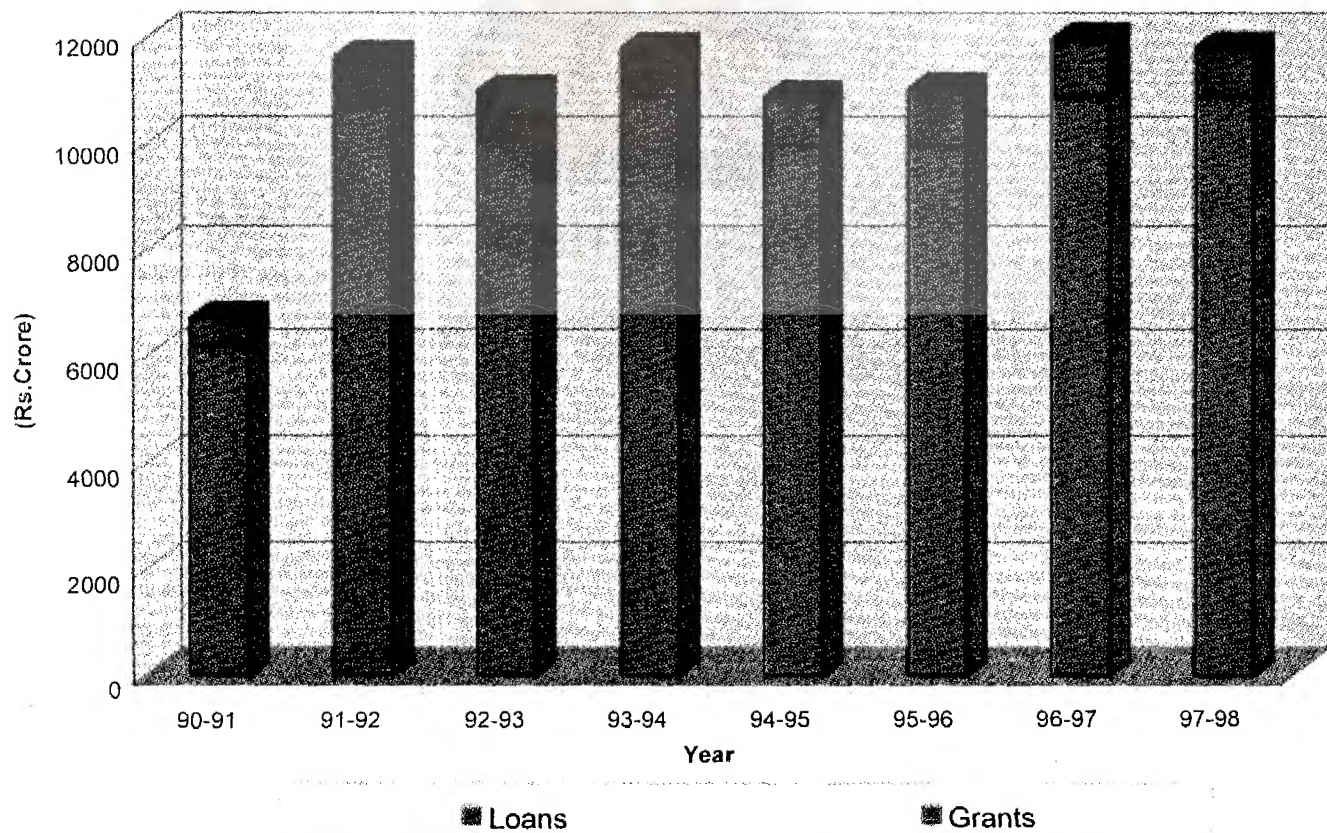
(1) Other International Institutions include UNICEF, UNDP, ILO, WHO, UNFPA and UNESCO.

- Notes:
1. Constituent items may not add up to totals because of rounding.
  2. Utilisation figures are exclusive of suppliers' credit and commercial borrowings.
  3. Utilization of assistance is on Government and non-Government accounts.

### EXTERNAL ASSISTANCE CLASSIFIED BY SOURCE (Authorisation)

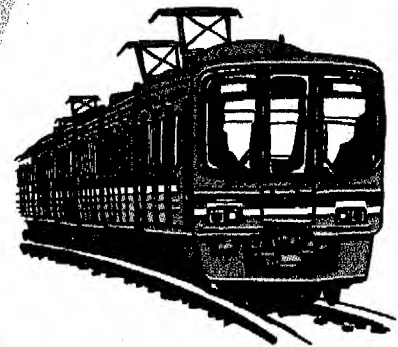


### (Utilisation)









**INDIAN RAILWAYS**



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## CHAPTER 17

### Indian Railways

This section includes tables providing statistics of passenger and goods traffic, revenue and expenditure and general working of Indian Railways. The statistics are collected by the Ministry of Railways from various Zonal Railways, Production Units, Metropolitan Transport Projects etc. Indian Railways are classified as Government and Non-Government Railways. However statistics pertaining to Non-Government Railways have been discontinued w.e.f. 1978-79.

The Government Railways are classified by Zones as mentioned below:

- |                        |                      |
|------------------------|----------------------|
| (i) Central            | (ii) Eastern         |
| (iii) Northern         | (iv) North Eastern   |
| (v) Northeast Frontier | (vi) Southern        |
| (vii) South Central    | (viii) South Eastern |
| (ix) Western.          |                      |

Besides above, the following 7 new Zones have also been set up:

- |                               |                       |
|-------------------------------|-----------------------|
| (i) East Coast                | (ii) East Central     |
| (iii) North Central           | (iv) North Western    |
| (v) South Western             | (vi) West Central and |
| (vii) Bilaspur(Railway Zone). |                       |

The Indian Railways are also classified by Gauges as Broad (1.676m.), Metre (1.000m) and Narrow (0.762m. & 0.610m.) according to the minimum distance between two rails in metres mentioned in brackets.

**Table 17.1**

This table provides the summary results of the general working of Indian Railways. The definitions of various



terms used in this table are given below:

**Route Kilometres:** This represents the length of the railway routes open for traffic at the end of each year. In calculating the length of the route, double or more than double lines are counted only once.

**Gross Earnings and Working Expenses:** This represents total earnings and expenses of Railways in an accounting period irrespective of whether or not the earnings have been realised or expenses paid. Gross earnings include all earnings from passenger traffic, goods traffic, parcels, luggage and other miscellaneous sources of revenue, while working expenses include all expenses incurred for maintenance of structural works, supply of loco power, carriage and wagon stock, ferry steamers and harbours as well as the expenses of traffic departments, general electric service departments and other miscellaneous expenses.

**Train Kilometres:** This represents the kilometres run by trains carrying passengers or goods or both as well as the kilometres run by empty trains. No deduction is made for departmental trains.

**Number of Passengers and Metric Tonnes carried:** The figures represent the number of passengers and weight in metric tonne of goods, originating on all Railways, treating passengers travelling or goods carried over two or more Railways as single journey.

**Passenger Kilometres and Net Tonne Kilometres:** These figures represent the real indices of the volume of passengers and goods traffic handled. These are arrived at by multiplying the total number of passengers carried and the total tonnage of goods carried by the respective number of kilometres, over which they are moved.

#### Table 17.2

This table provides data in respect of passengers, goods traffic carried and earnings of the Govt. and Non-Govt. Railways. Number of passengers carried and tonnage of goods carried, unlike in table 17.1, represents total number of passengers and total tonnage of goods

carried on individual Railways, treating passengers travelling and goods carried over two or more Railways as having performed two or more journeys.

#### Table 17.3

This table presents the Capital-at-Charge, earnings and expenditure positions separately of Government and Non-Government Railways.

#### Table 17.4

This table provides the results of the financial working of Government Railways, showing Capital-at-Charge, gross receipts, operating expenses, Depreciation Reserve Fund, net receipts etc.

#### Table 17.5

This table presents data relating to revenue, expenditure and the net gain or loss of the Railways for which Government is financially responsible. The revenue includes State Railways' gross receipts, subsidised companies, miscellaneous receipts, while the expenditure includes State Railways' working expenses subsidy paid to companies, miscellaneous expenditure, dividend on loan capital and payment to general revenues in lieu of tax on passenger fare.

#### Table 17.6

This table provides details of gross earnings of Indian Railways from passenger and goods traffic.

#### Table 17.7

This table presents data regarding number of persons killed and injured due to accidents, failures of railway equipment and un-usual occurrences. The figures exclude the persons killed or injured in railway workshops etc. Besides, the figures are based on accident messages issued immediately after the occurrence of accidents etc., and do not take into account the deterioration in the health of affected persons (i.e. injuries culminating into fatalities) after hospitalisation etc. Casualties from causes unconnected with railway working, such as death of passengers in carriages or at stations from natural causes, are excluded.



Table 17.1 - RAILWAY STATISTICS - SUMMARY

Items	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>Route open for traffic at the end of year:</b>									
	(km.)	62367	62458	62486	62462	62660	62915	62725	62495
Broad gauge		34880	35109	36504	37824	39612	40620	41971	43083
Metre gauge		23419	23283	21997	20653	19210	18501	17044	15804
Narrow gauge		4068	4066	3985	3985	3838	3794	3710	3608
<b>Capital-at-Charge at the end of year</b>									
	(Rs. 'crore)	17119	18875	21464	22438	23583	24264	25635	27627
Gross earnings	(Rs. 'crore)	12134	13848	16013	18259	20077	22494	24352	28566
Working expenses	(Rs. 'crore)	11159	12391	13990	151422	16591	18548	20997	25971
Net earnings	(Rs. 'crore)	974	1457	2024	3116	3486	3947	3355	2595
Percentage of working expenses to gross earnings		91.97	89.48	87.36	82.93	82.64	82.45	86.22	90.92
Percentage of net earnings to total Capital-at-Charge (1)		6.03	8.21	10.06	14.90	15.99	17.71	14.29	10.25
<b>No. of passengers carried :</b>									
	('000)	385764640486183749367	37080443914895401751841531704348378						
A.C. 1st class		493	522	556	530	613	761	731	723
A.C. Sleeper		4213	4615	5065	5920	6560	8098	8279	8451
A.C.-3 Tier		-	-	-	-	535	1541	2636	3777
1st Class Mail/Express		-	-	-	-	-	-	3593	3568
Ordinary (3)		148638	161446	136603	133332	142114	169048	177074	183791
A.C Chair Car		1238	1328	2126	3090	4243	6208	6547	6972
Sleeper class Mail/Express (2)		-	-	-	-	-	-	100838	105987
Ordinary (3)		-	-	-	82483	93549	101212	4968	5015
2nd Class Mail/Express		-	-	-	-	-	-	297786	334885
Ordinary (3)		3703064	3880707	3605017	3482689	3667281	3730650	3550718	3695209
<b>Passenger kilometres</b>	(Million km.)	295644	314564	300103	296245	319365	341999	357013	379897
<b>Average rate charged per passenger per kilometre:</b>									
	(paise)								
A.C. 1st class		91.1	102.8	126.6	138.2	171.7	181.0	189.1	203.6
A.C. Sleeper		53.5	61.8	74.0	82.0	80.5	88.9	99.8	108.6
A.C.-3 Tier		-	-	-	-	48.3	50.7	55.7	61.1
1st Class Mail/Express		-	-	-	-	-	-	73.0	75.2
Ordinary (3)		26.7	30.3	38.6	41.9	41.1	42.2	26.2	25.9
A.C Chair Car		24.1	28.8	36.2	40.0	40.6	42.0	45.6	49.8
Sleeper class Mail/Express (2)		-	-	-	22.4	21.8	22.1	23.4	24.9
Ordinary (3)		-	-	-	-	-	-	14.6	17.1
2nd Class Mail/Express		-	-	-	-	-	-	19.2	20.0
Ordinary (3)		9.1	10.5	12.7	13.0	12.8	13.2	10.3	11.3
Total goods carried (4)	('000 tonne)	341403	360042	370864	377469	318547	405499	423398	445450
Net tonnes kilometres (4)	(crore km.)	24270	25689	25813	25713	25297	27352	27999	28677
Average rate charged per tonne kilometres	(paise)	35.0	37.1	42.3	48.6	53.8	55.4	58.9	68.9

(1) Percentage has been worked out after excluding Capital-at-Charge of MTPs and Circular Railways.

(2) Sleeper class was introduced w.e.f. 1.4.1993.

(3) The figures for 1st class/Sleeper class/2nd class ordinary include those of Mail/Express for the year of 1995 and prior to it.

(4) Includes non-revenue traffic also.

Table 17.1 - RAILWAYS STATISTICS - SUMMARY-Concl'd.

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Railway staff employed at the end of year :</b>	1654985	1657239	1648662	1628377	1604996	1589646	1586828	1582454
Open line	1625118	1627286	1618913	1600686	1577227	1562206	1557886	1548366
Group A & B	12497	12565	12270	12242	11893	12123	12275	12565
Group C & D	1612621	1614721	1606643	1588444	1565334	1550083	1545611	1535801
<b>Construction :</b>	29867	29953	29749	27691	27769	27440	28942	34088
Group A & B	1991	1928	1751	1698	1739	1733	1787	1720
Group C & D	27876	28025	27998	25993	26030	25707	27155	32368
<b>Number of persons killed on the railways (5):</b>	1793	1562	1807	1475	992	1414	1243	1161
Passengers	503	369	333	375	175	443	152	257
Railway servants	245	223	308	406	155	172	155	111
Others (6)	1045	970	1166	694	662	799	936	793
<b>Rolling stock-locomotives :</b>								
Steam	2915	2492	1725	911	358	209	85	64
Diesel	3759	3905	4069	4192	4259	4313	4363	4496
Electric	1743	1871	2012	2117	2302	2387	2519	2646
Rail cars (internal combustion engine propelled)	24	24	24	24	24	24	25	20
Electric multiple unit coaches	3142	3366	3444	3537	3618	3692	3846	3971
<b>Coaching vehicles:</b>								
Passenger carriages (7) (8)	28677	29469	30298	30537	30036	29734	29978	30737
Other vehicles	6668	6491	6158	5955	5536	5654	5408	5302
Goods wagons (8)	346103	346394	337562	312405	291360	280791	272127	263981
1. Broad gauge								
(i) Covered wagons (8)	128823	124918	119731	109929	99424	93538	88167	85375
(ii) Open wagons (8)	105915	110600	110077	107068	104991	104754	105226	103299
(iii) Other wagons	49625	50847	51292	50657	49726	48445	47951	47105
2. Other gauges	61740	60029	56462	44751	37219	34054	30783	28202
Train kilometres: ('000)								
Passenger trains								
Steam	72308	66971	51307	30979	11055	4635	2381	691
Diesel	150345	157314	166786	183814	211892	227760	231910	231588
Electric	81393	86789	97242	107285	111278	111343	115488	126799
Goods trains								
Steam	2633	2090	1266	640	229	73	20	2
Diesel	150481	150471	143045	131205	120900	118030	117244	112504
Electric	90659	96266	103350	111586	119430	127354	131958	137724
Mixed trains								
Steam	7468	6141	4178	2505	1073	343	160	11
Diesel	4163	4809	5756	5473	5173	3768	3500	3468
Electric	905	1043	1376	1323	1081	932	657	467
Total (Including departmental)								
Steam	86811	79122	59371	36015	12918	5240	2682	799
Diesel	307103	314834	318433	323656	341282	353167	356506	351283
Electric	173975	184962	202949	221836	233940	241727	250025	266912

Source: Ministry of Railways(Railway Board)

- (5) It excludes data relating to Metro Railway Calcutta which came into operation in 1984-85, as also Railway workshops, etc.
- (6) Includes trespassers and suicides
- (7) Excluding military cars, dining cars, saloons (Royal and State) and reserved carriages for public which are included in "other vehicles" in the next item.
- (8) Excluding vehicles/wagons used exclusively on Railway service which are, however, included under "Other vehicles"/"Other wagons"

**Table 17.2- PASSENGERS AND GOODS CARRIED AND EARNINGS DERIVED THEREFROM BY RAILWAYS**

Railways	Year	Number of passengers originating (1) (lakh)	Earnings from passengers carried (Rs.lakh)	Load of goods carried (1) (lakh tonne)	Earnings from goods carried (Rs.lakh)
1	2	3	4	5	6
<b>Government Railways</b>	1990-91	38576	314472	3414	824704
	1991-92	40486	368164	3600	929308
	1992-93	37494	431119	3709	1066380
	1993-94	37080	489122	3775	1227548
	1994-95	39149	545885	3815	1342359
	1995-96	40175	611300	4055	1497278
	1996-97	41532	661613	4233	1635422
	1997-98	43482	755404	4454	1959501
		39582	696154	4328	1917930
<b>1997-98 :</b>		11411	154302	450	277606
<b>Broad Gauge (1.676 m)(2)</b>		5664	75186	822	237620
Central		3809	139218	285	301689
Eastern		740	26190	13	24800
Northern		137	10343	38	23369
North Eastern		2450	59997	270	100945
Northeast Frontier		1200	61743	460	205618
Southern		1790	49339	1737	486776
South Central		12381	119836	255	259507
South Eastern		3679	57293	117	40642
Western		266	4964	5	1196
<b>Metre Gauge (1.000 m)(2)</b>		914	16728	18	3357
Northern		92	3861	16	5718
North Eastern		1723	16578	20	5599
Northeast Frontier		190	5101	3	2463
Southern		494	10061	55	22309
South Central		223	1957	9	929
Western		49	409	1	155
<b>Narrow Gauge (0.762 m and 0.610 m)(2)</b>		9	58	-	-
Central		34	300	-	6
Eastern		1	21	-	-
Northern		-	-	-	-
Northeast Frontier		98	1053	8	772
Southern		32	116	-	-
South Eastern					
Western					

*Source: Ministry of Railways(Railway Board)*

- (1) Represents the total number of passengers carried on individual Railway, treating passengers travelling over two or more Railways as having performed two or more journeys. These remarks apply to load of goods carried also.
- (2) Excludes the element of duplication involved in number of passengers travelling over more than one Railways.



Table 17.3 - CAPITAL - AT - CHARGE, EARNINGS AND EXPENSES OF RAILWAYS

Year	Total Capital-at-Charge (1) (Rs.lakh)	Gross earnings (Rs.lakh)	Working expenses (Rs.lakh)	Net earnings (Rs.lakh)	%age of working expenses to gross earnings	%age of Net earnings to total Capital-at-Charge(2)
1	2	3	4	5	6	7
1990-91	1711851	1213351	1115940	97411	91.97	6.04
1991-92	1887467	1384758	1239056	145702	89.48	8.23
1992-93	2146378	1601317	1398953	202364	87.36	10.06
1993-94	2243825	1825862	1514214	311648	82.93	14.93
1994-95(3)	2358304	2007677	1659108	348569	86.64	16.02
1995-96(3)	2426406	2249449	1854755	394694	82.45	17.74
1996-97 (3)	2563540	2435207	2099709	335498	86.22	13.08
1997-98(3)	2762715	2856618	2597139	259479	90.92	9.39

Source: Railway Board, Ministry of Railways

- (1) Relates to open lines and on lines wholly or partly under construction(including ferries & suspense).
- (2) Percentage is on Capital-at-Charge including Capital-at-Charge of MTPs and Circular Railway project.
- (3) Capital-at-Charge includes Rs.2016.21 lakhs, Rs.216073 lakhs and Rs.230687 lakh pertaining to NTPs and Circular Railway projects for the years 1995-96, 1996-97 and 1997-98 respectively.

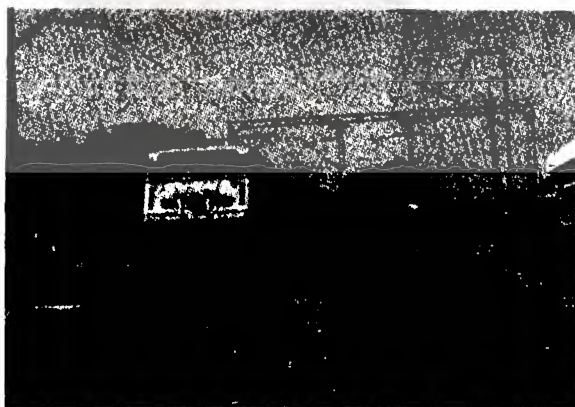


Table 17.4 - FINANCIAL RESULTS OF GOVERNMENT RAILWAYS

Items	Unit	1990-91	1991-92	1992-93	1993-94
1	2	3	4	5	6
Route	Km.	62367	62458	62486	62462
Capital-at-Charge at the end of year (1)	Rs.crore	17118.5	18874.7	21463.8	22438.3
Railway capital fund(2)	Rs.crore			-	1746.99
Gross traffic receipts	Rs.crore	12096.49	13729.74	15688.44	17946.02
Operating expenses	Rs.crore	8233.90	9209.19	10480.08	11767.14
Depreciation Reserve Fund	Rs.crore	1950.00	2000.00	2300.00	1875.00
Pension fund	Rs.crore	969.96	1180.00	1200.00	1500.00
Net traffic receipts	Rs.crore	942.63	1340.55	1708.36	2811.48
Net miscellaneous receipts after deducting miscellaneous charge and surplus profits payable to companies.	Rs.crore	(+)171.15	(+)200.40	(+)247.07	(+)290.65
Net revenue	Rs.crore	1113.78	1540.95	1955.43	3102.13
Charges against net revenue receipts	Rs.crore	938.11 @	1105.95	1514.38	1296.05
Surplus/deficit	Rs.crore	(+)175.67	(+)435.00	(+)441.05	(+)1806.08
Percentage of working expenses(including Depreciation Reserve Fund) to gross traffic receipts		92.0	89.5	87.4	82.9
Percentage of net revenue to Capital-at-Charge and investment from capital fund		6.9	8.7	9.7	13.7

Items	Unit	1994-95	1995-96	1996-97	1997-98
1	7	8	9	10	11
Route	Km.	62660	62915	62725	62495
Capital-at-Charge at the end of year (1)	Rs.crore	23583.04	24264.06	25635.40	27627.15
Railway capital fund (2)	Rs.crore	3161.88	5465.04	7437.10	8526.05
Gross traffic receipts	Rs.crore	20100.99	22417.85	24319.41	28589.03
Operating expenses	Rs.crore	12701.08	14397.55	16182.09	20700.39
Depreciation Reserve Fund	Rs.crore	1885.00	2060.00	2200.00	1904.00
Pension fund	Rs.crore	2005.00	2090.00	2615.00	3367.00
Net traffic receipts	Rs.crore	3510.87	3892.95	3318.61	2713.00
Net miscellaneous receipts after deducting miscellaneous charges and surplus profits payable to companies	Rs.crore	(+)297.24	(+)242.12	(+)305.91	(+)311.43
Net revenue	Rs.crore	3808.11	4135.07	3624.52	3024.43
Charges against net revenue receipts	Rs.crore	1361.71	1264.44	1507.46	1489.21
Surplus/Deficit	Rs.crore	2446.40	2870.63	2117.06	1535.22
Percentage of working expenses(including Depreciation Reserve Fund) to gross traffic receipts		82.6	82.5	86.22	90.92
Percentage of net revenue to Capital-at-Charge and investment from capital fund(3)		15.2 *	14.9 *	11.73 *	8.94 *

Source: Ministry of Railways(Railway Board)

(1) Includes manufacturing units, independent projects and miscellaneous items.

(2) Introduced in 1992-93 but booking made only from 1993-94.

(3) Percentage has been worked out after excluding Capital-at-Charge of MTPs and Circular Railway, Calcutta (e.g. Rs.2016.21 crores, Rs.2160.73 crores and Rs.2306.87 crores for 1995-96, 1996-97 and 1997-98 respectively).

**TABLE 17.5 - REVENUE ACCOUNT OF THE RAILWAYS IN RESPECT OF WHICH GOVERNMENT IS FINANCIALLY RESPONSIBLE**

Year	Revenue Account		(Rs. lakhs)
	Revenue	Expenditure	Gain(+)or loss(-) to State
	2	3	4
1990-91	1245155.16	1227588.18	(+)17566.98
1991-92	1411373.60	1367873.60	(+)43500.00
1992-93	1611473.06	1567367.92	(+)44105.14
1993-94	1836329.72	1655722.03	(+)180607.69
1994-95	2052911.24	1672100.51	(+)380810.73
1995-96	2281384.27	1994320.98	(+)287063.29
1996-97	2480131.12	2268425.50	(+)211705.62
1997-98	2913423.52	2759900.81	(+)153522.71

Source: Railway Board, Ministry of Railways

**Notes:**

1. Items included under "Revenue" are State Railway, gross traffic receipts, subsidised companies (Government share, surplus, profits etc.) and Railway miscellaneous receipts.
2. Items included under "Expenditure" are State Railways' working expenses, subsidy paid to companies, miscellaneous expenditure, dividend on loan capital and payment to General Revenues in lieu of tax on passenger fare and deferred dividend relating to the year 1978-79 and onwards.





Table 17.6 - DETAILS OF GROSS TRAFFIC EARNINGS

(Rs. lakhs)

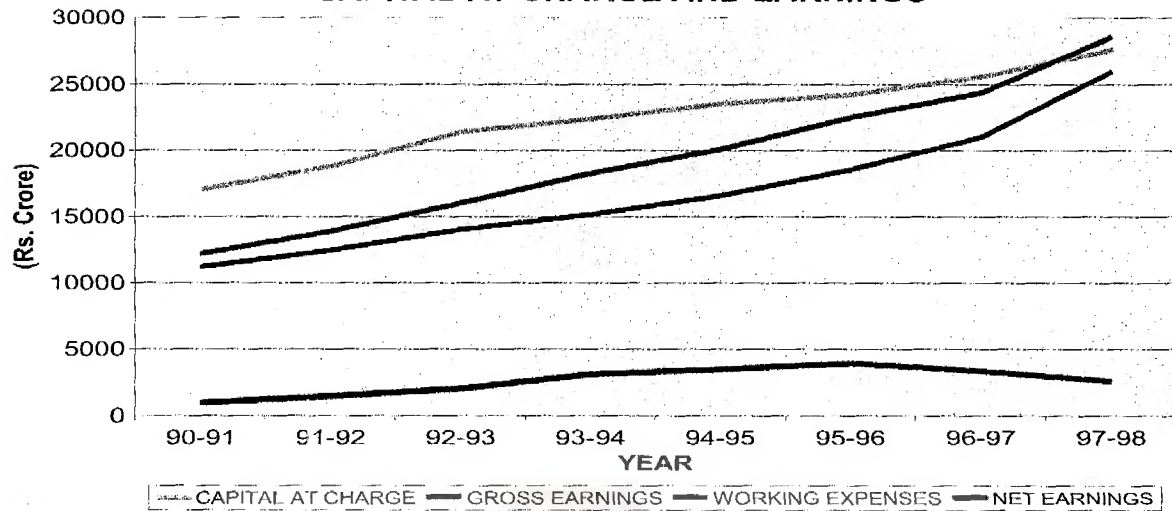
Items	1990-91	1991-92	1992-93	1993-94
1	2	3	4	5
1. Coaching traffic:	348387.69	408304.51	473901.06	533808.09
(A) Passenger traffic	314749.87	368461.60	431507.42	489520.79
(i) A.C.	2637.17	3151.07	4880.02	5672.09
(ii) 1st class	25482.47	30026.16	30226.38	30749.22
(iii) A.C. chair car	14043.51#	18854.80	27811.59	38712.67
(iii) 2nd class	272586.72	316429.57	368589.43	292920.44
(iv) Third class	-	-	-	121466.37
(B) Other coaching traffic	33637.82	39842.91	42393.64	44287.30
2. Goods traffic (1)	840786.78	946213.48	1090304.26	1255736.49
3. Other miscellaneous earnings	24176.56	30240.17	37111.66	36317.50 \$
Total gross earnings	1213351.03	1384758.16	1601316.98	1825862.08

Items	1994-95	1995-96	1996-97	1997-98
1	6	7	8	9
1. Coaching traffic:	595460.71	668169.19	719640.34	815934.33
(A) Passenger traffic	546365.58	612448.78	663324.27	757317.57
(i) A.C.	6234.84	8040.00	8446.61	10239.70
(ii) 1st class	31666.97	33316.88	32170.30	36975.30
(iii) A.C. chair car	67304.66	78424.06	85153.82	98967.20
(iv) 2nd class	298064.54	337214.56	355952.16	411749.26
(v) Sleeper class (2)	143094.57	155453.28	181601.38	199386.11
(B) Other coaching traffic	49095.13	55720.41	56316.07	58616.76
2. Goods traffic (1)	1366966.56	1529040.31	1666816.38	1986638.28
3. Other miscellaneous earnings	45249.30	52239.92	48749.96	54045.09
Total gross earnings	2007676.57	2249449.42	2435206.68	2856617.70

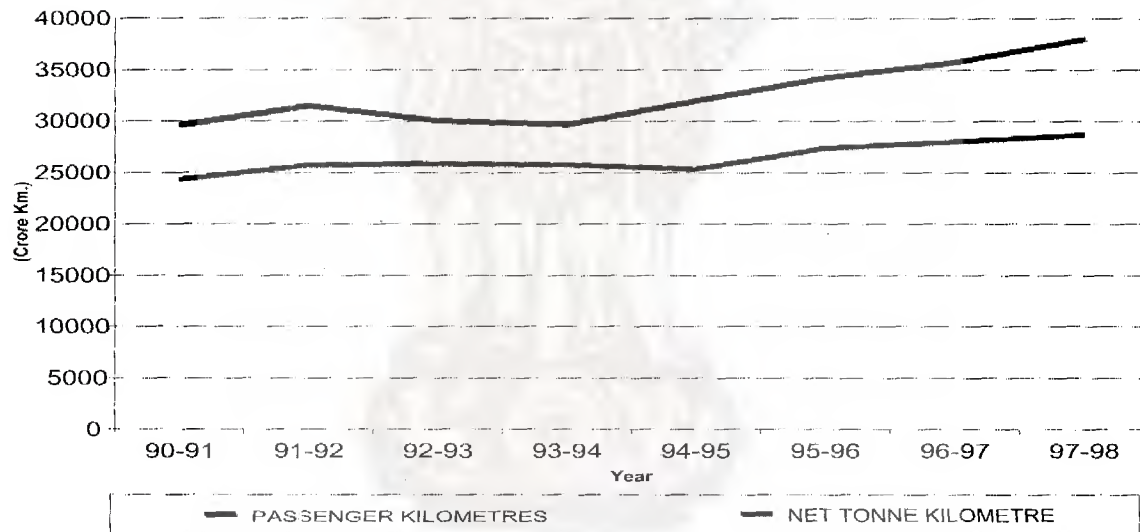
Source: Ministry of Railways(Railway Board)

- (1) Goods earnings include earnings from demurrage, wharfage, etc. while earnings from goods carried referred to in the table No. 17.7 do not include these items.
- (2) Sleeper class introduced w.e.f. 1.4.1993.
- # Including A.C. Chair car and A.C. II tier Sleeper.
- \$ Sundry earnings.

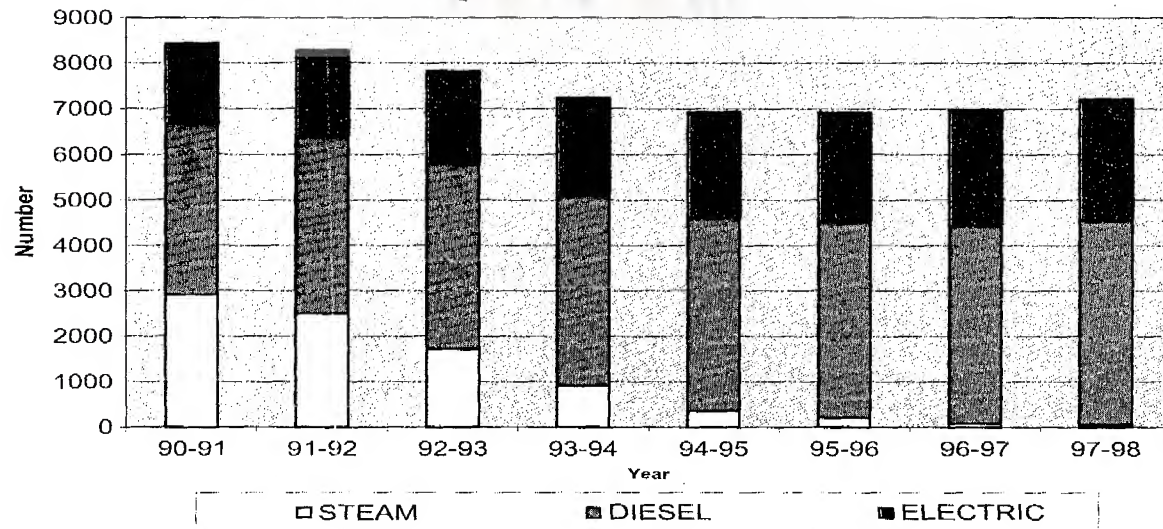
## INDIAN RAILWAYS CAPITAL-AT-CHARGE AND EARNINGS



## Passenger and Tonne Kilometres Performed



## Rolling Stock-Locomotives



**Table 17.7 - NUMBER OF PERSONS KILLED AND INJURED ACCORDING TO NATURE OF ACCIDENTS**

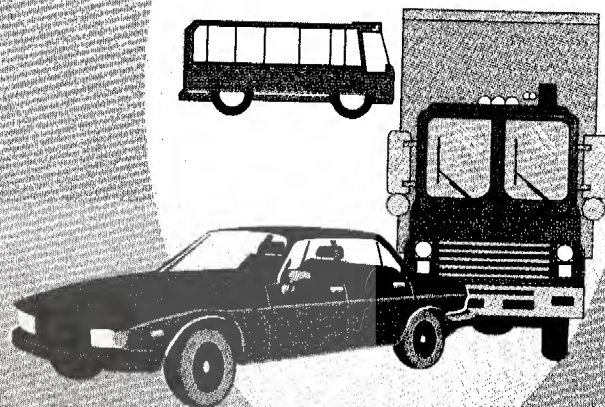
Nature of accidents	1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98	
	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red	Kill- ed	Inju- red
<b>A. Passengers:</b>	503	1122	369	875	333	829	375	763	175	623	443	789	152	353	257	909
In train accidents, failures of railway equipment and misc. accidents	220	599	98	470	96	467	179	446	84	434	406	681	83	237	171	747
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	283	516	271	348	226	305	194	317	81	132	37	107	69	105	83	154
In unusual occurrences on railway premises not connected with the movement of railway vehicles	-	7	-	57	11	57	2	-	10	57	-	1	-	11	3	8
<b>B. Railway servants:</b>	245	4437	223	4061	308	3876	406	3382	155	2336	172	2139	155	2096	111	1491
In train accidents, failures of railway equipment and misc. accidents	26	107	20	115	46	101	20	89	19	91	37	77	27	84	12	57
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	159	1562	175	1576	233	1423	319	1569	118	943	106	872	111	821	71	625
In unusual occurrences on railway premises not connected with the movement of railway vehicles	60	2768	28	2370	29	2352	67	1724	18	1302	29	1190	17	1191	28	809
<b>C. Other persons (1):</b>	1045	1112	970	1460	1166	1652	694	1215	662	1074	799	1208	936	1293	793	1095
In train accidents, failures of railway equipment and misc. accidents	96	190	112	322	140	255	180	370	202	162	151	177	253	294	149	195
In unusual occurrences caused by movement of railway vehicles exclusive of train accidents etc.	96	868	858	1130	1025	1357	514	801	443	867	648	891	680	969	632	839
In unusual occurrences on railway premises not connected with the movement of railway vehicles	-	54	-	8	1	40	-	44	17	45	-	140	3	30	12	61
<b>Grand total</b>	<b>1793</b>	<b>6671</b>	<b>1562</b>	<b>6396</b>	<b>1807</b>	<b>6357</b>	<b>1475</b>	<b>5360</b>	<b>992</b>	<b>4033</b>	<b>1414</b>	<b>4136</b>	<b>1243</b>	<b>3742</b>	<b>1161</b>	<b>3495</b>

Source: Ministry of Railways(Railway Board)

(1) Includes other persons killed and injured due to trespass and suicides.

Note: Excludes data relating to Metro Railways, Calcutta which came into operation in 1984-85, as also railway workshops, etc.





## MOTOR VEHICLES



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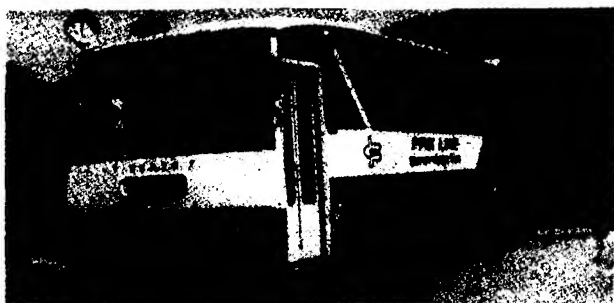
## CHAPTER 18

### Motor Vehicles

**M**otor Transport in India, is primarily the responsibility of the State Governments and U.T. Administrations. Taking into account the changes in the road transport technology, pattern of passenger and freight movements, development of the road network in the country and particularly, the improved techniques in the motor vehicles management, the Motor Vehicles Act, 1939 was consolidated and amended by Parliament, which is now available by the name Motor Vehicles Act, 1988. The said Act empowers the Central Government to frame rules under certain provisions of the Act. This Act also empowers the State Govts. and Union Territory Administrations to frame the rules under the relevant provisions of the Act for regulating the motor vehicle transportation in India.

**Table 18.1**

The table presents the number of Motor Vehicles Registered in India as on 31st March. For 1950-51, it includes motor vehicles taxed only, while for other years, data is for motor vehicles taxed and tax exempted both.



**Table 18.2**

State revenue from Road Transport and Central revenue from Road Transport are given in this table. The Central revenue consists of import duty and excise duty on motor vehicles and accessories, tyres and tubes and motor fuel. The State Revenue consists of motor vehicle taxes and fees levied, sales tax on

motor spirits and lubricants taxes on passengers and goods carried. The sales tax on motor spirits are levied at levied at varying rates under varying conditions in different States. In some cases, the levy on motor spirits spirits made under the Central Sales Tax Act and in other cases, Special Motor Sales Tax Act. Taxes on passenger passenger and goods carried by road or on inland waterways under entry 56 of List II of the Seventh Schedule the Constitution of India are levied in Andhra Pradesh, Assam, Bihar, Gujarat, Kerala, Madhya Pradesh, Maharashtra, Karnataka, Orissa, Punjab,

Rajasthan, West Bengal and Himachal Pradesh.

**Table 18.3**

Almost all the major States and UTs of India have nationalised public passenger transport bus service with a view to ensuring economy and efficient administration. The nationalisation of road transport is mostly confined to the passenger traffic so far. This table deals with the working of State Transport Undertakings.





**Table 18.1-NUMBER OF MOTOR VEHICLES REGISTERED IN INDIA (TAXED AND TAX-EXEMPTED)  
(As on 31st March)**

Year/States/ Union Territories	Two- wheelers	Auto- rick- shaws	Jeeps	Cars	Taxis	Buses	Goods vehicles (1)	Misce- llaneous (2)	(In Number) Total No. of vehicles
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1990-91	14199858	617365	443734	2266506	243748	331100	1512884	1759005	21374200
1991-92	15660801	669538	480922	2461519	262338	358165	1643729	1970401	23507413
1992-93	17183224	720364	512602	2550286	297941	363962	1752536	2124433	25505348
1993-94	18898701	771117	552038	2654232	362622	392148	1828117	2200903	27659878
1994-95	20831428	897383	614567	2875651	350331	423383	1938422	2769990	30294656
1995-96	23111385	1008974	667894	3139444	382029	448970	2028840	2769990	33557526
<b>1995-96</b>									
<b>States:</b>									
Andhra Pradesh	2066976	53406	38476	128653	19670	25335	160077	13808	2506401
Arunachal Pradesh	7352	209	1615	1168	207	1493	2256	521	14821
Assam	195110	9875	10019	38943	6164	10033	57717	30803	358664
Bihar	920652	36793	38576	86256	28488	18184	86850	113910	1329709
Goa	154115	2272	\$	27047	4616	2514	18107	3085	211756
Gujarat	2363535	147739	57938	252724	28388	33078	220362	274034	3377798
Haryana	524235	13263	22501	43815	542	8372	61944	279891	954563
Himachal Pradesh	61868	1423	6116	10394	8369	4880	19554	6433	119037
Jammu & Kashmir	108930	10375	7191	24050	4527	11769	20327	7956	195125
Karnataka	1599612	92136	33813	204303	12213	34182	92976	180655	2249890
Kerala	592688	127975	42256	171801	59865	31733	111762	32161	1170241
Madhya Pradesh	1730020	28726	47587	92013	8106	36598	103678	262880	2309608
Maharashtra	2675696	229245	122798	413639	59497	41987	270333	219370	4032565
Manipur	43616	1889	4500	3271	302	1663	4939	1331	61511
Meghalaya	12581	246	7142	7513	2671	1884	9874	2804	44715
Mizoram	6825	-	4965	1414	1328	604	2770	332	18238
Nagaland	20427	6367	21098	20533	1904	3213	23329	4250	101121
Orissa	509272	5370	22563	28621	4318	10362	48586	29315	658407
Punjab	1320010	18945	16955	93278	5124	14438	71838	374471	1915059
Rajasthan	1177841	32447	64220	79975	13420	33906	97611	269289	1768709
Sikkim	2990	-	1363	519	1928	289	828	1080	8997
Tamil Nadu	2101787	58301	23749	296088	22489	35956	164708	68768	2771846
Tripura	17809	2071	3190	3587	509	1230	4813	1474	34683
Uttar Pradesh	2057408	32988	50398	131848	29873	28740	88389	557631	2977275
West Bengal	663801	14798	\$	282526	41298	25575	140645	30090	1198733
<b>Union Territories:</b>									
A & N Islands	10936	16	633	588	396	296	1111	613	14588
Chandigarh	309235	633	15808	40873	426	1218	4536	-	372729
D. & N. Haveli	6119	376	445	2301	138	167	1239	230	11015
Daman & Diu	11858	499	791	4317	33	118	1296	152	19064
Delhi	1741776	79011	\$	633852	13663	27871	133472	-	2629645
Lakshadweep	1279	58	57	6	-	24	107	192	1723
Pondicherry	95027	1522	1131	13528	1557	1258	2806	2461	119290

Source: Transport Research Wing, Ministry of Surface Transport

- (1) : Includes trucks three and four wheelers used for carrying goods.  
 (2) : Includes tractors and trailers also.  
 \$ : Included in Cars

**Table 18.2- REVENUE FROM ROAD TRANSPORT**  
(Year ending 31st March)

(Rs. Crores)

Year/States/ Union Territories	(A) State Revenue			Total
	Motor vehicle taxes & fees	Sales tax on motor spirit & lubricants (1)	Taxes on pass- engers and goods traffic	
1	2	3	4	5
<b>All India</b>				
1990-91	1374.3	631.5	884.9	2890.7
1991-92	1849.6	1223.4	1128.8	4201.7
1992-93	2162.9	1338.3	1262.6	4763.8
1993-94	1526.7	1558.6	908.0	3993.3
1994-95	1988.8	1474.5*	961.4	4424.7
1995-96	2554.5	1743.3	1536.2	5834.0
<b>1995-96</b>				
<b>States:</b>				
Andhra Pradesh	133.8	..	330.1	..
Arunachal Pradesh	..	..	..	..
Assam	36.4	..	20.1	..
Bihar	111.1	..	54.7	..
Gujarat	300.0	..	107.3	..
Goa	11.7	..	4.6	..
Haryana	..	..	..	..
Himachal Pradesh	12.2	..	45.3	..
Jammu & Kashmir	10.2	..	4.2	..
Karnataka	17.4	..	324.7	..
Kerala	222.9	..	..	..
Madhya Pradesh	306.6	..	..	..
Maharashtra	421.1	..	237.1	..
Manipur	1.4	..	0.3	..
Meghalaya	2.8	..	..	..
Mizoram	0.8	..	..	..
Nagaland	3.0	..	..	..
Orissa	107.7	..	..	..
Punjab	64.9	..	125.5	..
Rajasthan	246.5	..	..	..
Sikkim	0.6	..	..	..
Tamil Nadu	341.4	..	50.6	..
Tripura	1.4	..	..	..
Uttar Pradesh	123.8	..	229.3	..
West Bengal	..	..	..	..
<b>Union Territories:</b>				
A. & N. Islands	0.1	..	..	..
Chandigarh	4.0	..	1.9	..
D. & N. Haveli	0.8	..	..	..
Daman and Diu	1.4	..	0.5	..
Delhi	70.5	..	..	..
Lakshadweep	..	..	..	..
Pondicherry	..	..	..	..

For footnotes, please see next page.

**Table 18.2- REVENUE FROM ROAD TRANSPORT-Concl'd.**  
(Year ending 31st March)

(Rs. Crores)

Year	(B) Central Revenue						Total	Grand Total (A+B)
	Motor vehicles and accessories		Tyres and tubes		Motor spirit fuel (2)			
	Import duty	Excise duty	Import duty	Excise duty	Import duty	Excise duty		
1	2	3	4	5	6	7	8	9
1990-91	351.8	1510.9	..	803.4	..	1929.9	4596.0	7631.2
1991-92	293.7	1803.7	..	810.7	..	1988.1	4896.2	9097.9
1992-93	300.1	1591.5	..	836.6	..	2064.1	4792.3	9556.1
1993-94	459.5	1423.1	..	1280.1	..	2214.5	5377.2	9370.5
1994-95	706.3	1846.9	..	1553.4	..	2811.6	6918.2	11342.9
1995-96	1122.9	2446.1	..	1597.0	..	2866.7	8032.7	13866.7

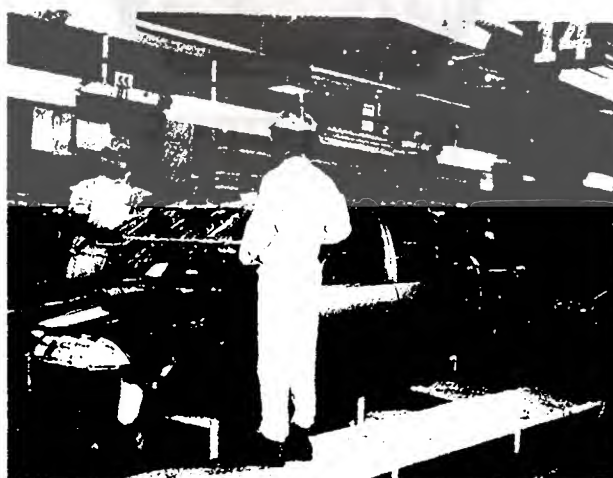
Source: Transport Research Wing, Ministry of Surface Transport

(1) Excludes Union Territories.

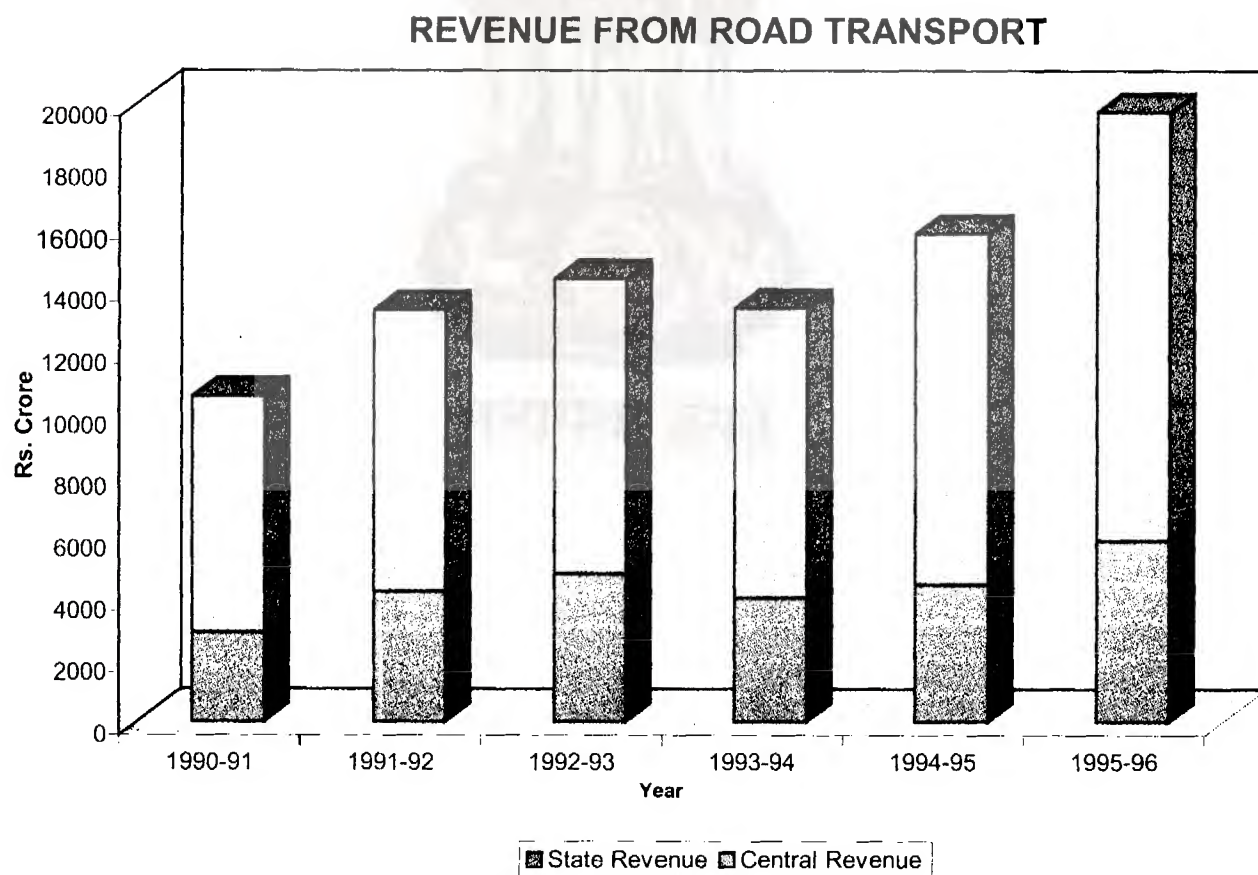
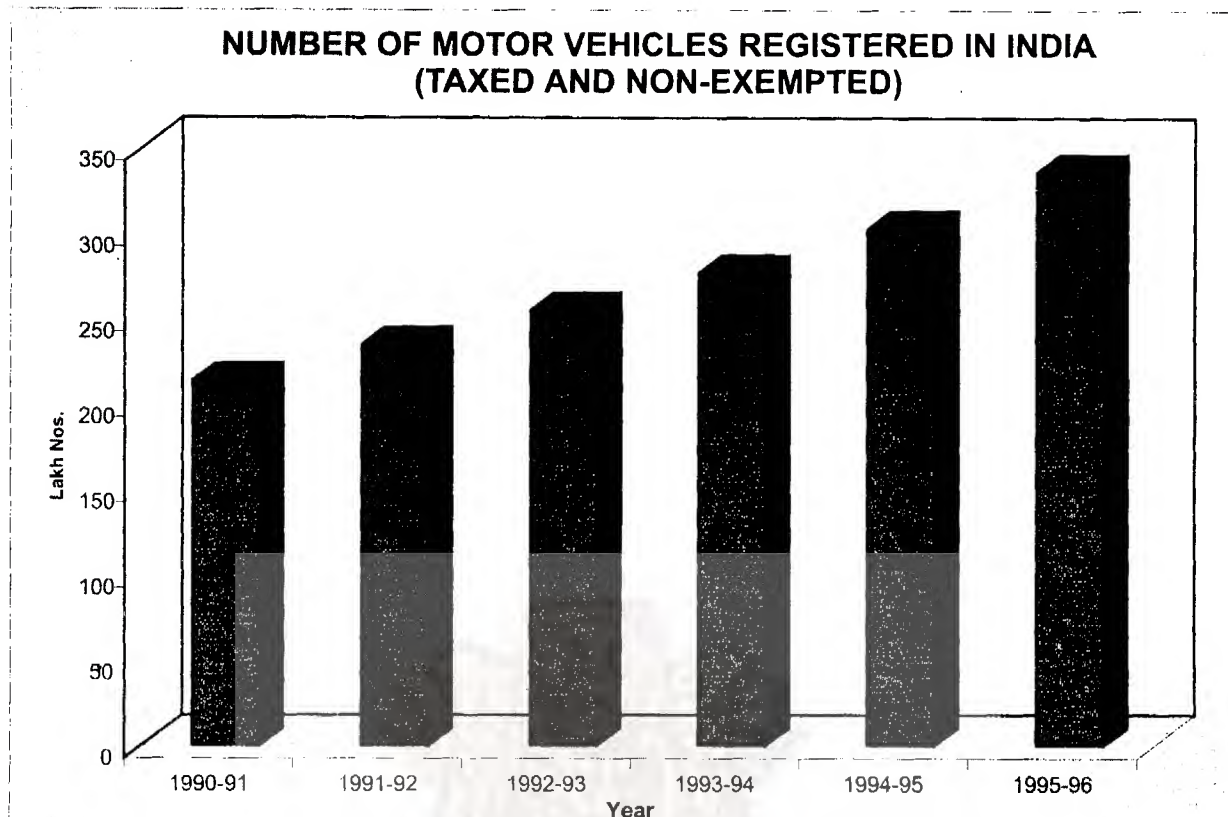
(2) Includes figures for R D. oil and diesel oil including duties on High Speed Diesel Oil also.

\* Excludes revenue from Lubricants.

Notes: 1. Totals may not tally due to rounding off of figures.  
2. Statewise data on sales tax is not available.







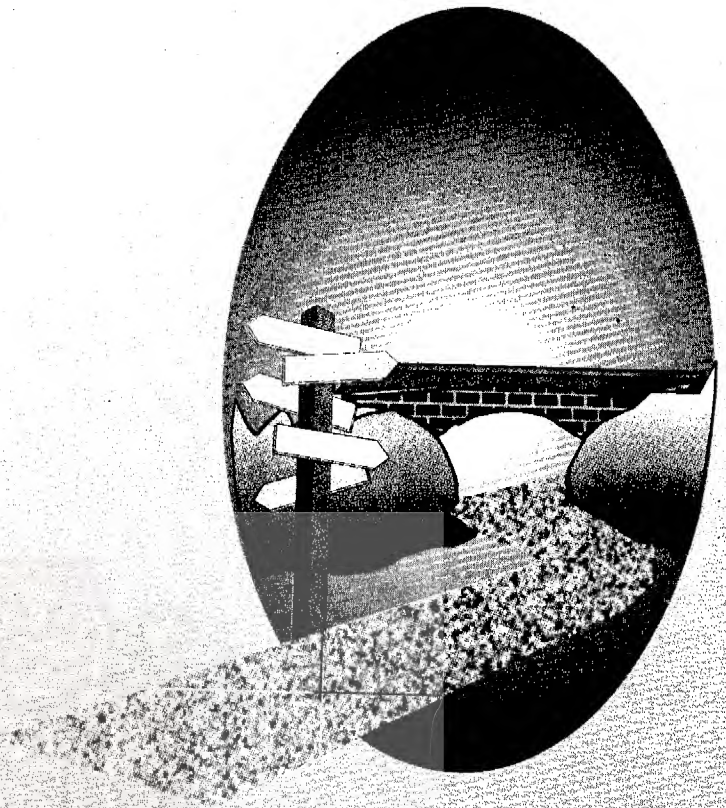
**Table 18.3-WORKING OF STATE TRANSPORT UNDERTAKINGS**  
(As on 31st March)

Year/States/ Union Territories	Fleet strength (Buses) (no.)	Vehicles in bus scheduled service (no.)	Kilometers performed (lakh km.)	Gross revenue receipts (Rs.lakh)	Current expenditure (total oper- ating cost) (Rs.lakh)	Net revenue (Rs.lakh)
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	100182	85481	3766032	509351	571019	-61668
1991-92	96909	85099	3956416	608679	669574	-60895
1992-93	105214	92089	4152713	691882	763124	-71242
1993-94	102913	91835	4111659	777344	842947	-65603
1994-95	90566	80213	3713205	613420	688359	-74939
1995-96	91144	80572	3916078	657591	759655	-102064
1996-97	88479	78896	3816364	632465	735700	-103234
<b>1996-97</b>						
<b>State:</b>						
Andhra Pradesh	16488	16107	690787	..	..	..
Arunachal Pradesh	..	..	..	..	..	..
Assam	..	..	..	..	..	..
Bihar	..	..	..	..	..	..
Goa	317	185	6331	1574	1861	-287
Gujarat (1)	9589	8500	428969	76942	93092	-16150
Haryana	3877	3683	166969	40559	43395	-2836
Himachal Pradesh	1697	1642	35093	13381	16448	-3067
Jammu & Kashmir	..	..	..	..	..	..
Karnataka	10302	9351	476105	91003	95155	-4152
Kerala	3576	2865	136802	35039	36155	-1116
Madhya Pradesh	2464	1709	60608	15899	22652	-6753
Maharashtra (2)	4449	4083	143989	51434	56085	-4651
Manipur	..	..	..	..	..	..
Mizoram	99	42	306	106	536	-430
Meghalaya	191	77	1422	628	897	-269
Nagaland	208	58	599	216	1132	-916
Orissa	..	..	..	..	..	..
Punjab (3)	3406	2936	115761	28116	33654	-5538
Rajasthan	4819	4351	184743	44208	43965	243
Sikkim	150	120	170	1095	1497	-402
Tamil Nadu (4)	14426	13323	1011096	153205	182240	-29035
Tripura	80	35	859	164	544	-380
Uttar Pradesh	8067	6929	219096	53609	57501	-3892
West Bengal (5)	1197	874	29285	4556	11349	-6793
<b>Union Territories:</b>						
A. & N. Islands	..	..	..	..	..	..
Chandigarh (6)	412	378	20287	3689	3680	9
Delhi (7)	2665	1648	87087	17042	33862	-16820

Source: Transport Research Wing, Ministry of Surface Transport

- (1) Relates to Gujarat SRTC, Ahmedabad MTS.  
 (2) Relates to BEST Undertaking, Kolhapur MTU, Pune MT, Pimpri-Chin.MT,  
 (3) Relates to Pepsu RTC and Punjab Roadways.  
 (4) Relates to Annai Sathya TCL, Anna TCL, Dr.Ambedkar TCL, Cheran TCL, Cholan Roadways Corpn.Ltd., Dheeran Chinnamalai TCL, Jeeva TCL, Kattabomman TCL, Marudhu Pandiyar TCL, Mahakavi Bharathiyar TCL, Nesamony TCL, Puratchi Th. MGR TCL, Pallavan TCL, Pandiyan Roadways Corp. Lt, Rani Mangammal TCL, Thanthai Periyar TCL, Thiruvalluvar TCL.  
 (5) Relates to Calcutta STC only. (6) Relates to Chandigarh TU only. (7) Relates to DTC, Delhi only.





**ROADS**



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## CHAPTER 19

# Roads

**T**his section provides comprehensive data on different categories Roads including National Highways, State highways, PWD Roads etc. In order to show the activities on rural roads, such roads was handed over Jawahar Rojgar Yojna have also been included here.

The information in this section is based on the data collected by Transport Research Wing (TRW), Ministry of Surface Transport on various categories of roads in the country. The collected data from as many as 360 agencies spread all over the country.

**Table 19.1**

The total road length in India has been categories in three parts viz. Highways, Urban Roads and Project Roads, the information about which has been presented here by total and surfaced length.

**Table 19.2**

The road length of highways consists of the route lengths of highways running through the length and breadth of the large administrative areas of districts, states and the country, connecting all urban areas/centres of traffic.



- (a) National highway is a highway which is declared as such under the National Highways Act, 1956.
- (b) State highway is a highway which is declared as such by a State Government.
- (c) Other highways are those highways which are

maintained by State Public Works Departments (except National highways and State highways), District Board/Zila Parishad, Village Panchayat and Panchayat Samiti/ C.D. Block.

**Table 19.3**

Data on urban road length shown in this table relate to roads constructed and maintained by municipalities, by Railways within Railway Colonies, by Port Authority in the Port Areas and by Military Engineering Service in Cantonment areas.

**Table 19.4**

The road lengths given here include the lengths of

access roads within project areas for the exploitation of resources such as forests, hydro-powers, sugarcane, irrigation, coal etc.

**Table 19.5**

Width-wise length of National and State highways are classified as single lane, double lane or multilane, according to the carriageway width of the roads (other than that in hilly terrain) is below 7 metres, 7 to 10.5 metres and above 10.5 metres respectively as per standards laid down by Indian Road Congress.

**Table 19.6**

The table indicates growth of National highways and expenditure thereon since 1950-51.



**Table 19.1-TOTAL AND SURFACED ROAD LENGTH**  
(as on 31st March)

Year/States/U.Ts.	(kilometre)							
	Total		Highways		Urban Roads		Project Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	2327362	1090167	1930826	923155	186799	136644	209737	30368
1992	2462289	1136852	2060452	966757	189352	137325	212485	32770
1993	2678643	1263624	2261436	1083221	195150	141110	222057	39293
1994	2955231	1338745	2528612	1151962	202013	147048	224606	39735
1995	3057411	1379300	2629259	1191176	202671	147731	225481	40393
1996	3319644	1517280	2871471	1317567	210660	154642	237513	45071
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	172669	101832	148196	87116	17037	10688	7436	4028
Arunachal Pradesh	10240	3692	9150	3598	35	35	1055	59
Assam	68079	11421	57852	9094	3327	1830	6900	497
Bihar	85565	32980	67267	27973	5105	2882	13193	2125
Goa	7457	4875	6676	4295	697	496	84	84
Gujarat	133850	117479	118252	106345	12431	9413	3167	1721
Haryana	27907	25868	23353	22568	3869	3056	685	244
Himachal Pradesh	29610	14500	26650	13305	1369	1093	1591	102
Jammu & Kashmir	13042	8150	10253	6738	1253	1225	1536	187
Karnataka	142754	97537	117155	81216	8898	7173	16701	9148
Kerala	141856	43146	128228	36005	8615	5434	5013	1707
Madhya Pradesh	198936	87704	145039	82070	5518	3717	48379	1917
Maharashtra	359262	266396	314622	245588	19650	14455	24990	6353
Manipur	10760	3595	10208	3514	135	81	417	-
Meghalaya	8391	3946	7218	3706	175	147	998	93
Mizoram	6910	2360	6152	1886	649	474	109	-
Nagaland	13732	2515	13057	2401	96	94	579	20
Orissa	210238	41878	185090	31998	11343	5592	13805	4288
Punjab	58151	46232	39950	39950	8114	5360	10087	922
Rajasthan	134632	73041	114516	66555	6518	4236	13598	2250
Sikkim	1834	1527	1741	1498	28	28	65	1
Tamil Nadu	205706	139729	185833	124364	13365	12242	6508	3123
Tripura	14726	4537	13086	4343	220	179	1420	15
Uttar Pradesh	237358	124350	149245	93127	35675	26894	52438	4329
West Bengal	77579	45569	51808	30852	19178	13011	6593	1706
<b>Union Territories:</b>								
A. & N. Islands	2806	2758	1211	1175	1582	1582	13	1
Chandigarh	141	141	141	141	-	-	-	-
D. & N. Haveli	518	435	518	435	-	-	-	-
Daman and Diu	25283	22772	-	-	25283	22772	-	-
Delhi	1299	1299	1299	1299	-	-	-	-
Lakshadweep	495	453	-	-	495	453	-	-
Pondicherry	1848	1323	1695	1172	-	-	153	151

Source: Transport Research Wing, Ministry of Surface Transport



**Table 19.2- LENGTH OF HIGHWAYS BY AUTHORITIES**  
(as on 31st March)

(as on 31st March)								
Year/States/U.Ts.	National Highways		State Highways		Other PWD Roads		Zilla Parishad Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
	1	2	3	4	5	6	7	8
<b>All India</b>								
1991	33650	33399	127311	124847	509435	390931	395005	210453
1992	33666	33463	128622	126207	521028	402526	398864	215613
1993	33916	33748	129876	127244	495836	402096	374863	218067
1994	34249	34033	132401	129974	500615	406847	378779	222218
1995	34262	34046	134085	131506	511046	414320	431047	236719
1996	34508	34291	135187	132862	763959	608721	435716	238382
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	2949	2918	8777	8613	34988	32903	101484b	42682
Arunachal Pradesh	368b	271	-	-	6151	3327	-	-
Assam	2254	2253	1811b	1533	26416b	4733	-	-
Bihar	2218	2118	4092	4092	13947	12785	47010c	8788
Goa	225	225	232	232	4005	2802	-	-
Gujarat	1570	1570	9717	19291	49973	44160	46992	41324
Haryana	656	656	3135	3135	19562	18777	-	-
Himachal Pradesh	732	727	3672	3351	19598	8997	-	-
Jammu & Kashmir	648a	648	688a	529	7671a	5561	-	-
Karnataka	1997	1997	11395	11385	28311	27832	70787e	39474
Kerala	1011b	1011	2361	2361	16868	16457	-	-
Madhya Pradesh	2976	2976	11789	11651	83108	62281	-	-
Maharashtra	2958	2910	32249	31829	150076	117598	129339	93249
Manipur	438	438	1437	1265	6342	1752	-	-
Meghalaya	464	464	988	891	5094	2346	-	-
Mizoram	566	566	240	206	3682	1079	-	-
Nagaland	113	113	390	398	6273	945	-	-
Orissa	1625	1590	4360	4340	9434	8646	-	-
Punjab	988	988	2166	2166	36798	36796	-	-
Rajasthan	2846	2846	10006	9920	57377	45630	-	-
Sikkim	53b	53	186b	186	1502b	1259	-	-
Tamil Nadu	2002	2002	1934	1934	53038	53020	-	-
Tripura	198	198	136	136	5569	3659	-	-
Uttar Pradesh	2862	2862	9647	9647	97491	15691	10721d	3561
West Bengal	1651	1651	3388b	3388	17366b	16599	29383	9214
<b>Union Territories:</b>								
A. & N. Islands	-	-	273b	273	938	902	-	-
Chandigarh	34	34	-	-	107	107	-	-
D. & N. Haveli	-	-	42	42	476	393	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	75b	75	-	-	1224b	1224	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	31	31	68	68	460	460	-	-

(a) As on 31st March, 1986

(b) As on 31st March, 1995

(c) As on 31st March, 1981

(d) Figures supplied by PWD, UP.....Nil.

(e) Includes other district roads, village roads &amp; TDB roads.

**Table 19.2- LENGTH OF HIGHWAYS BY AUTHORITIES**  
(as on 31st March)

Year/States/U.Ts.	(kilometre)							
	Village Panchayat Roads		CD/Panchayat Samiti Roads		Rural Roads Constructed under JRY		Total Highways	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	10	11	12	13	14	15	16	17
1991	313374	45028	222909	52669	329142	65828	1930826	923155
1992	315592	46820	221832	53958	440848	88170	2060452	966757
1993	446192	122487	216608	66750	564145	112829	2261436	1083221
1994	452632	129224	217496	67178	812440	162488	2528612	1151962
1995	454138	134857	178605	62513	886076	177215	2629259	1191176
1996	406575	58929	179516	61180	916010	183202	2871471	1317567
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	-	-	-	-	-	-	148196	87116
Arunachal Pradesh	2631	-	-	-	-	-	9150	3598
Assam	-	-	27371g	575g	-	-	57852	9094
Bihar	-	-	-	-	-	-	67267	27973
Goa	2214a	1036a	-	-	-	-	6676	4295
Gujarat	-	-	-	-	-	-	118252	106345
Haryana	-	-	-	-	-	-	23353	22568
Himachal Pradesh	-	-	2650h	230h	-	-	26650	13305
Jammu & Kashmir	-	-	1246a	-	-	-	10253	6738
Karnataka	4665	528	-	-	-	-	117155	81216
Kerala	107988b	16176b	-	-	-	-	128228	36005
Madhya Pradesh	47166e	5162e	-	-	-	-	145039	82070
Maharashtra	-	-	-	-	-	-	314622	245588
Manipur	-	-	1991	59	-	-	10208	3514
Meghalaya	-	-	572	5	-	-	7218	3706
Mizoram	1664	35	-	-	-	-	6152	1886
Nagaland	-	-	6273	945	-	-	13057	2401
Orissa	139962c	-	29709h	17422h	-	-	185090	31998
Punjab	-	-	-	-	-	-	39950	39950
Rajasthan	-	-	44287	8159	-	-	114516	66555
Sikkim	-	-	-	-	-	-	1741	1498
Tamil Nadu	64578d	34236d	64281j	33172j	-	-	185833	124364
Tripura	7183d	390d	-	-	-	-	13086	4343
Uttar Pradesh	28524f	1366f	-	-	-	-	149245	93127
West Bengal	-	-	-	-	-	-	51808	30852
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	1211	1175
Chandigarh	-	-	-	-	-	-	141	141
D. & N. Haveli	-	-	-	-	-	-	518	435
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	1299	1299
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	1136	613	-	-	1695	1172

Source: Transport Research Wing, Ministry of Surface Transport

- (a) As on 31st March 1992 (b) As on 31st March 1995 (included Panchayat Samiti Roads)  
 (c) As on 31st March 1995 (Maintained by Panchayat Raj Department)  
 (d) As on 31st March 1990. (e) Information supplied by Panchayat Raj Department, MP  
 (f) The Village Panchayat Road maintained by PWD is shown under other PWD Roads in 1995-96.  
 (g) As on 31st March 1976. (h) As on 31st March 1995.  
 (i) As on 31st March 1989. \$ Fall of length is due to transfer of data to Zila Parishad Roads.  
 @ Included in Zila Parishad Roads. @@ Excluding Jawahar Rozgar Yojana Roads.

Note: Statewise figures exclude Jawahar Rozgar Yojana Roads.

**Table 19.3-LENGTH OF URBAN ROADS BY AUTHORITIES**  
(as on 31st March)

Year/States/ Union Territories	(Kilometre)									
	Municipal Roads		Railways Roads		Ports Roads		Military Engineering Service Roads		Total Urban Roads	
	Total Surfaced		Total Surfaced		Total Surfaced		Total Surfaced		Total Surfaced	
1	2	3	4	5	6	7	8	9	10	11
1991	168169	119710	7627	6023	643	620	10360	10291	186799	136644
1992	169758	119583	8512	6747	657	639	10425	10356	189352	137325
1993	174138	121993	9980	8207	632	611	10400	10299	195150	141110
1994	180821	127887	10033	8248	685	657	10404	10256	202013	147048
1995	181031	128060	10074	8288	708	677	10858	10706	202671	147731
1996	187980	133969	10161	8362	737	712	11782	11599	210660	154642
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	15093a	8791a	1392	1345	61	61	491*	491*	17037	10688
Arunachal Pradesh	-	-	2	2	-	-	33*	33*	35	35
Assam	2132	667	485	453	-	-	710	710	3327	1830
Bihar	3731b	1820b	1121	809	-	-	253	253	5105	2882
Goa	675h	474h	2	2	20	20	-	-	697	496
Gujarat	11656	8767	431	314	56	56	286	286	12431	9413
Haryana	3209	2418	135	113	-	-	525	525	3869	3056
Himachal Pradesh	976	708	12	12	-	-	381	373	1369	1093
Jammu & Kashmir	378	378	53	53	-	-	822	794	1253	1225
Karnataka	8366	6687	171	128	50	50	311	308	8898	7173
Kerala	8351	5182	110	98	31	31	123	123	8615	5434
Madhya Pradesh	3750e	2267e	1164	846	-	-	604	604	5518	3717
Maharashtra	17868f	12797f	704	586	171	165	907	907	19650	14455
Manipur	122g	68g	-	-	-	-	13	13	135	81
Meghalaya	33a	29a	-	-	-	-	142	118	175	147
Mizoram	641	466	-	-	-	-	8*	8*	649	474
Nagaland	-	-	12	10	-	-	84	84	96	94
Orissa	10737c	5159c	481	308	82	82	43	43	11343	5592
Punjab	6399g	3705g	278	218	-	-	1437	1437	8114	5360
Rajasthan	5167e	2971e	529	474	-	-	822*	791*	6518	4236
Sikkim	-	-	-	-	-	-	28	28	28	28
Tamil Nadu	12579	11602	388	331	94	91	304*	218*	13365	12242
Tripura	194f	157f	13	9	-	-	13	13	220	179
Uttar Pradesh	32688a	24174a	1234	970	-	-	1753	1750	35675	26894
West Bengal	16830	10837	1241	1081	170	156	937	937	19178	13011
<b>Union Territories:</b>										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Chandigarh	1469	1469	5	5	-	-	108	108	1582	1582
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-	-	-
Delhi	24441	21933	198	195	-	-	644	644	25283	22772
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondicherry	495	453	-	-	-	-	-	-	495	453

Source: Transport Research Wing, Ministry of Surface Transport

S Road length in terms of 12ft. width.  
a As on 31st March, 1991.  
d As on 31st March, 1983.  
g As on 31st March, 1992.  
h As on 31st March, 1995.

b As on 31st March, 1984.  
e As on 31st March, 1980.  
\* Fall in road length due to reorganisation of areas under M.E.S.

c As on 31st March, 1994.  
f As on 31st March, 1989.



**Table 19.4- LENGTH OF PROJECT ROADS BY AUTHORITIES**  
(as on 31st March)

Year/States/U. Ts.	(kilometre)							
	Forest Department		Irrigation Department		Electricity Department		Steel Authority	
	Total	Surfaced	Total	Surfaced	Total	Surfaced	Total	Surfaced
1	2	3	4	5	6	7	8	9
1991	127385	5581	64366	13177	2997	2556	2210	1837
1992	127752	6292	66436	14574	3085	2638	2233	1849
1993	127889	5556	70975	17760	3126	2673	2458	2229
1994	130118	5684	70975	17760	3248	2801	2265	2017
1995	130540	5884	70975	17760	3417	2973	2276	2030
1996	132128	8295	50906	17076	23367	5010	2412	2160
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	4985	2183	1096f	627f	160d	157d	-	-
Arunachal Pradesh	1055	59	-	-	-	-	-	-
Assam	6138	315	528	16	169k	123k	-	-
Bihar	10840	24	-	-	310a	244a	550	497
Goa	84	84	-	-	-	-	-	-
Gujarat	1907	811	1110h	788h	150g	122g	-	-
Haryana	434	14	-	-	251	230	-	-
Himachal Pradesh	1400	20	-	-	191	82	-	-
Jammu & Kashmir	1221	65	315k	122k	-	-	-	-
Karnataka	2938	495	9417	5440	16	16	116	113
Kerala	3342	802	1534a	778a	137	127	-	-
Madhya Pradesh	44686	-	1998a	407a	640	602	764	617
Maharashtra	10001	1705	2056i	1265i	-	-	7	6
Manipur	417c	-	-	-	-	-	-	-
Meghalaya	821	26	107	-	70	67	-	-
Mizoram	109	-	-	-	-	-	-	-
Nagaland	579	20	-	-	-	-	-	-
Orissa	7038k	8k	6277	3847	87k	66k	403	367
Punjab	678	-	9037d	580d	372	342	-	-
Rajasthan	2925c	-	10438a	2015a	235	235	-	-
Sikkim	65	1	-	-	-	-	-	-
Tamil Nadu	3221b	792b	1256a	370a	610	540	86	86
Tripura	1420e	15e	-	-	-	-	-	-
Uttar Pradesh	21481	447	4466*	481*	19703m	1813m	-	-
West Bengal	4330	408	1271a	340a	266k	244k	486	474
<b>Union Territories:</b>								
A. & N. Islands	13	1	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-

a As on 31st March, 1992.

b As on 31st March, 1994.

c As on 31st March, 1990.

d As on 31st March, 1989.

e As on 31st March, 1991.

f As on 31st March, 1984.

g As on 31st March, 1993.

h As on 31st March, 1987.

i As on 31st March, 1978.

k As on 31st March, 1995.

m Includes roads under Transport and Agriculture Department.

\* The Road Length under Agriculture Department has been shown in Electricity Department.

**Table 19.4- LENGTH OF PROJECT ROADS BY AUTHORITIES - Concl'd.**  
(as on 31st March)

Year/States/U.Ts.	Coal Mines Authority		Sugarcane Development Authority		Total Project Roads	
	Total	Surfaced	Total	Surfaced	Total	Surfaced
	10	11	12	13	14	15
<b>(kilometre)</b>						
<b>All India</b>						
1991	2338	1911	10441	5306	209737	30368
1992	2364	1937	10615	5480	212485	32770
1993	2780	2511	14829	8564	222057	39293
1994	3085	2823	14915	8650	224606	39735
1995	3320	3058	14953	8688	225481	40393
1996	3444	3155	25256	9375	237513	45071
<b>1996</b>						
<b>States:</b>						
Andhra Pradesh	1007	873	188a	188a	7436	4028
Arunachal Pradesh	-	-	-	-	1055	59
Assam	65	43	-	-	6900	497
Bihar	1493	1360	-	-	13193	2125
Goa	-	-	-	-	84	84
Gujarat	-	-	-	-	3167	1721
Haryana	-	-	-	-	685	244
Himachal Pradesh	-	-	-	-	1591	102
Jammu & Kashmir	-	-	-	-	1536	187
Karnataka	-	-	4214c	3084c	16701	9148
Kerala	-	-	-	-	5013	1707
Madhya Pradesh	291	291	-	-	48379	1917
Maharashtra	348	348	12578	3029	24990	6353
Manipur	-	-	-	-	417	-
Meghalaya	-	-	-	-	998	93
Mizoram	-	-	-	-	109	-
Nagaland	-	-	-	-	579	20
Orissa	-	-	-	-	13805	4288
Punjab	-	-	-	-	10087	922
Rajasthan	-	-	-	-	13598	2250
Sikkim	-	-	-	-	65	1
Tamil Nadu	-	-	1335	1335	6508	3123
Tripura	-	-	-	-	1420	15
Uttar Pradesh	-	-	6788	1588	52438	4329
West Bengal	240	240	-	-	6593	1706
<b>Union Territories:</b>						
A. & N. Islands	-	-	-	-	13	1
Chandigarh	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-
Daman and Diu	-	-	-	-	-	-
Delhi	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-
Pondicherry	-	-	153a	151a	153	151

Source: Transport Research Wing, Ministry of Surface Transport

a As on 31st March, 1992.

b As on 31st March, 1986.

c As on 31st March, 1995.

**Table 19.5 - LENGTH OF NATIONAL AND STATE HIGHWAYS - BY WIDTH**  
(as on 31st March)

(Kilometre)											
Year/States Union Territories	Surfaced Length of National Highways					Surfaced Length of State Highways					
	Below standard single lane	Standard single lane	Standard double lane	Stan- dard multi lane	Total	Below standard single lane	Standard single lane	Standard double lane	Stan- dard multi lane	Total	
	1	2	3	4	5	6	7	8	9	10	11
1991		1691	8925	21856	927	33399	33131	69944	20666	1106	124847
1992		1671	8794	21775	1223	33463	32302	74006	18749	1150	126207
1993		1508	7318	23292	1665	33783	26324	77835	21576	1509	127244
1994		1777	6670	23813	1773	34033	22375	53498	21210	1506	129974
1995		1731	6396	24072	1847	34046	22798	53825	21935	1563	131506
1996		3458	4268	25395	1170	34291	47635	56214	28265	748	132862
1996											
States:											
Andhra Pradesh	-	189	2729	-	2918	-	3935	4678	-	8613	
Arunachal Pradesh	-	-	271d	-	271d	-	-	-	-	-	
Assam	517	59	1677	-	2253	-	1533d	-	-	1533d	
Bihar	348	494	1376	-	2118	2177	1320	435	160	4092	
Goa	3	118	104	-	225	15	217	-	-	232	
Gujarat	-	-	1379	191	1570	1747	10849	6555	140	19291	
Haryana	-	-	564	92	656	298	2177	660	-	3135	
Himachal Pradesh	14	-	713	-	727	2136	-	1215	-	3351	
Jammu & Kashmir	-	648a	-	-	648a	-	529a	-	-	529a	
Karnataka	402	565	960	70	1997	-	10318	1067	-	11385	
Kerala	130d	498d	383d	-	1011d	-	-	2361	-	2361	
Madhya Pradesh	675	-	2281	20	2976	5659	5491	487	14	11651	
Maharashtra	-	214	2521	175	2910	20012	10345	1397	75	31829	
Manipur	-	282	156	-	438	-	1163	82	20	1265	
Meghalaya	84	211	169	-	464	-	891	-	-	891	
Mizoram	341	225	-	-	566	206	-	-	-	206	
Nagaland	-	-	113	-	113	-	398	-	-	398	
Orissa	286	-	1301	3	1590	3918	-	422	-	4340	
Punjab	10	-	793	185	988	80	480	1581	25	2166	
Rajasthan	289	220	2167	170	2846	5231	2492	2197	-	9920	
Sikkim	-	53d	-	-	53d	-	186d	-	-	186d	
Tamil Nadu	154	-	1777	71	2002	161	-	1683	90	1934	
Tripura	198	-	-	-	198	136	-	-	-	136	
Uttar Pradesh	7	250	2530	75	2862	4223	2023	3199	202	9647	
West Bengal	-	242	1402	7	1651	1353d	1850d	165d	20d	3388d	
Union Territories:											
A. & N. Islands	-	-	-	-	-	261b	12b	-	-	273b	
Chandigarh	-	-	-	34	34	-	-	-	-	-	
D. & N. Haveli	-	-	-	-	-	-	-	42	-	42	
Daman and Diu	-	-	-	-	-	-	-	-	-	-	
Delhi	-	-	-	75d	75d	-	-	-	-	-	
Lakshadweep	-	-	-	-	-	-	-	-	-	-	
Pondicherry	-	-	29	2	31	-	20	35	9	64	

Source: Transport Research Wing, Ministry of Surface Transport

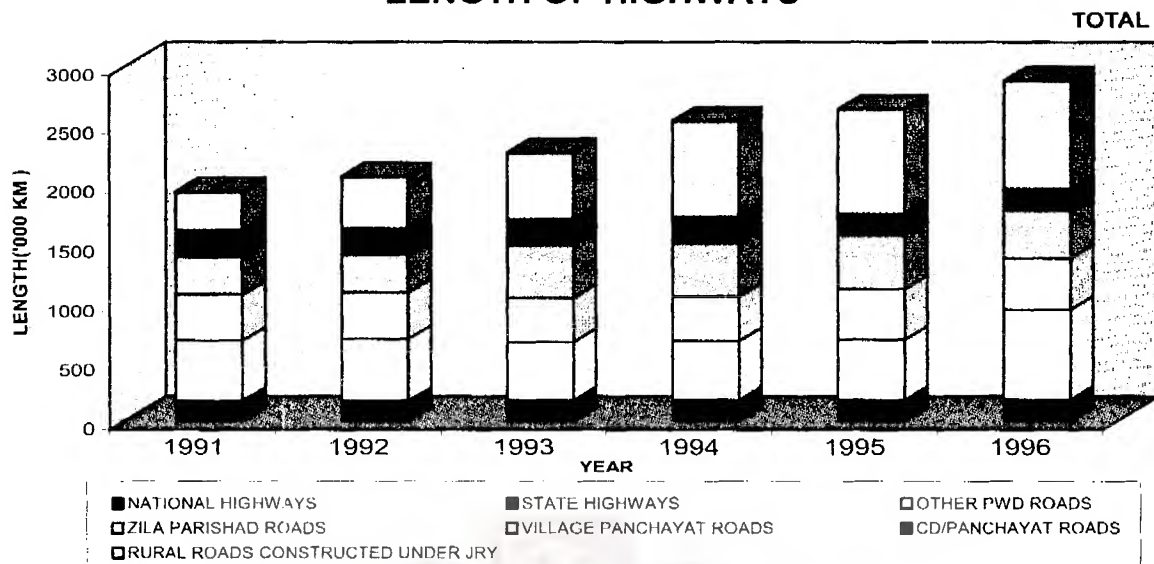
a As on 31st March, 1986.

b As on 31st March, 1990.

d As on 31st March, 1995.

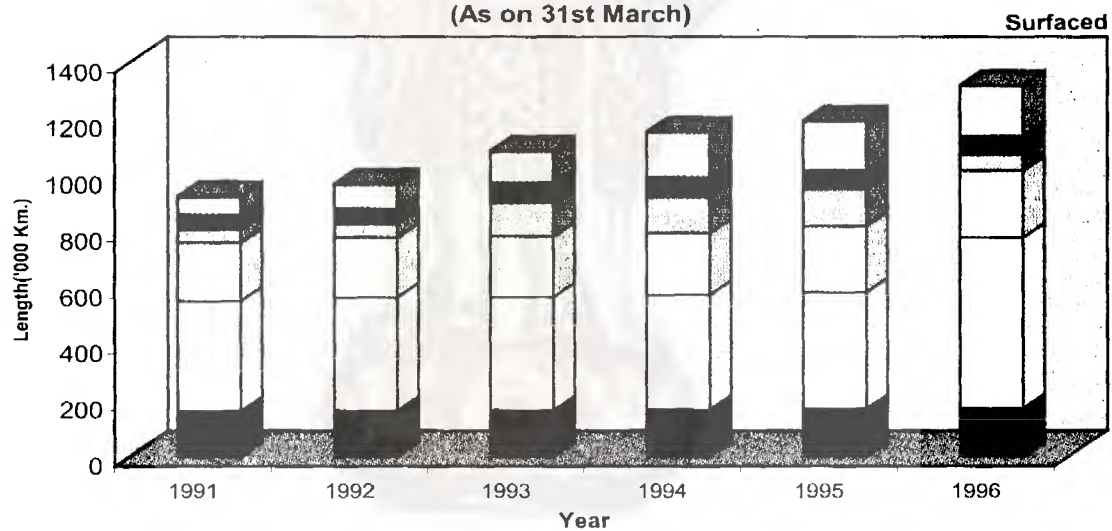


## LENGTH OF HIGHWAYS

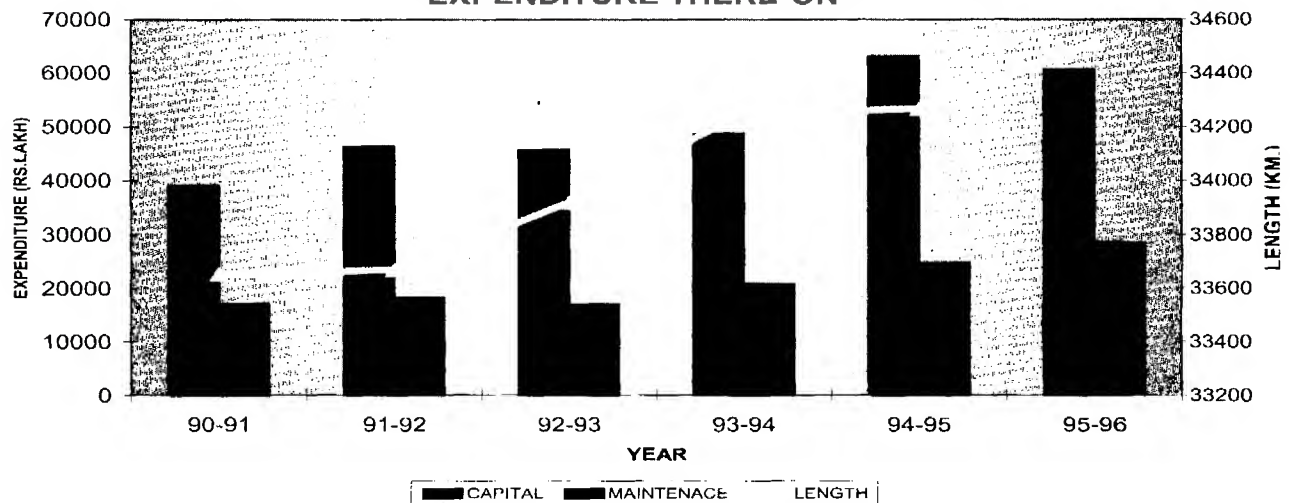


## LENGTH OF HIGHWAYS BY AUTHORITIES

(As on 31st March)



## GROWTH OF NATIONAL HIGHWAYS AND CENTRAL GOVT. EXPENDITURE THERE-ON



**TABLE 19.6-GROWTH OF NATIONAL HIGHWAYS IN INDIA AND CENTRAL GOVERNMENT  
EXPENDITURE INCURRED THERE-ON**

Year/States/U.Ts./	Length of National highways (km.) (as on 31st March)	Expenditure on National highways (Rs.lakh)	
		Capital	Maintenance
1	2	3	4
1990-91	33650	39007	16922
1991-92	33666	46367	18137
1992-93	33916	45774	16867
1993-94	34249	48644	20709
1994-95	34262	63030	24690
1995-96	34508	60431	28444
<b>1995-96</b>			
<b>States:</b>			
Andhra Pradesh	2949	4010	2843
Arunachal Pradesh	368b	-	-
Assam	2254	1650	1444
Bihar	2118	1750	-
Goa	225	500	205
Gujarat	1570	4398	1745
Haryana	656	5535	757
Himachal Pradesh	732	1600	1366
Jammu & Kashmir	648a	50	193
Karnataka	1997	2600	1768
Kerala	1011b	3980	864
Madhya Pradesh	2976	2020	1972
Maharashtra	2958	2899	2579
Manipur	438	500	185
Meghalaya	464	600	427
Mizoram	566	-	-
Nagaland	113	50	8
Orissa	1625	3304	1448
Punjab	988	5860	771
Rajasthan	2846	6070	1861
Sikkim	53b	-	-
Tamil Nadu	2002	1100	1790
Tripura	198	-	-
Uttar Pradesh	2862	7670	2530
West Bengal	1651	3810	1731
<b>Union Territories</b>			
A. & N. Islands	-	-	-
Chandigarh	34	25	26
D. & N. Haveli	-	-	-
Daman and Diu	-	-	-
Delhi	75	400	147
Lakshadweep	-	-	-
Pondicherry	31	50	21

Source: Transport Research Wing, Ministry of Surface Transport

a As on 31st March, 1986.

b As on 31st March, 1995.





**SHIPPING**



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## CHAPTER 20

# Shipping

**T**his section presents tables relating to the strength and tonnage of Indian merchant shipping. The data on strength of the fleet covers ships registered under Merchant Shipping Act, 1958 and the source for the data is the Directorate General of Shipping. However the basic source of data for shipping traffic is the respective Port Authorities of Indian Ports. These data are collected and published by the Transport Research Wing of the Ministry of Surface Transport and also maintained by the Directorate General of Shipping.

**Table 20.1**

This table shows the strength of Indian merchant shipping fleet in terms of no. of vessels and Gross Registered Tonnage (GRT) plying for the coastal and overseas trade. The breakup of the fleet into passenger vessels, tankers, dry cargo vessels etc. is also given for the latest year.

**Table 20.2**

This table gives information regarding the total sea borne imports and exports and share of Indian flag vessels in the traffic handled at ports.

**Table 20.3**

This table provides the data regarding number and Net Registered Tonnage (NRT) of vessels which entered and cleared with cargo and in ballast by the type of vessels, namely, steam and sailing. Net



Registered Tonnage is defined as the net volume of enclosed space of vessels less crew space, engine room and other space not used for cargo. The unit for measurement of NRT is a ton of 100 cubic feet.

**Tables 20.4**

These tables respectively presents data regarding the number and Net Registered Tonnage of vessels which entered Indian ports and which cleared from Indian ports with cargo and in ballast by nationality of vessels.

**Tables 20.5**

These tables present data regarding the number and Net Registered Tonnage of vessels which entered and

cleared with cargo and in ballast respectively by nationality of vessels in coastal trade.

**Table 20.6**

This table provides data relating to the number and Net Registered Tonnage of steamers and vessels (sailing) in foreign and coastal trade handled by major ports in India.

**Table 20.7**

The table presents data relating to gross tonnage of imports and exports in coastal and foreign trade by major Indian ports.



Table 20.1- STRENGTH OF INDIAN MERCHANT SHIPPING FLEET

(As on 31st December)

Year/Type of fleets	Coastal Trade		Overseas Trade		Total	
	No. of Vessels	G.R.T.	No. of Vessels	G.R.T.	No. of Vessels	G.R.T.
1	2	3	4	5	6	7
1991	169	560807	246	5378014	415	5938821
1992	187	640115	254	5647568	441	6287683
1993	202	642431	241	5624880	443	6267311
1994	206	681387	231	5664548	437	6345935
1995	219	697563	251	6304295	470	7001858
1996	231	704795	253	6347235	484	7052030
1997	232	654226	244	6223899	476	6878125
<b>1997 :</b>						
1. Dry cargo vessels (3)	97	106879	42	527470	139	634349
2. Dry cargo bulk carriers	11	191740	117	2762348	128	2954088
3. Tankers (2)	14	137987	78	2743228	92	2881215
4. Passenger-cum-cargo carriers (1)	15	52679	1	8279	16	60958
5. Offshore supply vessels	68	82845	-	-	68	82845
6. Specialised vessels for offshore service	26	77740	-	-	26	77740
7. Timber carriers	1	4356	3	11473	4	15829
8. Ore/oil bulk carriers	-	-	3	171101	3	171101

Source: Ministry of Surface Transport

- (1) Include Passenger Service vessels.  
 (2) Include LPG, acid and gas carriers.  
 (3) Include cellular containers, tug, Ro-Ro & Dredgers.

Table 20.2- SHARE OF INDIAN FLAG VESSELS IN THE OVERSEAS CARGO TRAFFIC HANDLED AT PORTS

(lakh tonnes)

Year	Total sea borne imports and exports	Exports and imports carried by		Percentage of cargo carried by Indian vessels to total cargo
		Indian flag vessels	Foreign flag vessels	
1	2	3	4	5
1990-91	1103.5	392.9	710.6	35.60
1991-92	1101.5	395.8	705.7	35.93
1992-93	1223.0	426.6	796.4	34.88
1993-94	1369.7	460.7	909.0	33.63
1994-95	1465.5	420.2	1045.3	28.67
1995-96	1639.1	447.5	1191.6	27.30
1996-97(P)	1721.8	512.8	1209.0	29.78

Source: Ministry of Surface Transport



Table 20.3- VESSELS ENTERED AND CLEARED BY STEAMERS AND SAILING VESSELS

Vessels	1990-91		1992-93		1993-94		1994-95		1995-96		1996-97	
	No.	th.NRT	No.	th.NRT	No.	th.NRT	No.	th.NRT	No.	th.NRT	No.	th.NRT
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>A. Foreign Trade - Entered</b>												
With Cargo	4845	34260	3569	30125	3702	27825	4301	39619	4998	47857	5239	48358
Steam	4246	33897	3252	30065	3170	27713	3961	39527	4699	47201	4801	47512
Sailing	599	363	317	60	532	112	340	92	299	656	438	846
In Ballast	2568	12048	1563	10163	1808	12363	1833	11598	1876	13063	1595	12640
Steam	1948	11918	1135	10093	1413	12263	1456	11492	1604	12996	1306	12369
Sailing	620	130	428	70	395	100	377	106	272	67	289	271
Grand Total	6793	46308	5132	40288	5510	40188	6134	51217	6874	60920	6834	60998
Steam	5574	45815	4387	40158	4583	39976	5417	51019	6303	60197	6107	59881
Sailing	1219	493	745	130	927	212	717	198	571	723	727	1117
<b>B. Foreign Trade - Cleared</b>												
With Cargo	4253	35666	3639	34660	3846	36325	3943	42885	4150	48497	4654	44494
Steam	3551	35531	3082	34552	3134	36175	3740	42836	4009	47539	4074	41632
Sailing	702	135	557	108	712	150	203	49	141	958	580	2862
In Ballast	2319	13592	1436	11177	1597	12651	2021	16633	1983	19504	1976	17715
Steam	1802	13372	1150	11130	1230	12571	1815	16598	1952	19497	1913	17566
Sailing	517	220	286	47	367	80	206	35	31	7	63	149
Grand Total	6572	49258	5075	45837	5443	48976	5964	59518	6133	68001	6630	62209
Steam	5353	48903	4232	45682	4364	48746	5555	59434	5961	67036	5987	59198
Sailing	1219	355	843	155	1079	230	409	84	172	965	643	3011
<b>C. Coastal Trade - Entered</b>												
With Cargo	3497	14162	2513	14165	2506	13734	2912	13966	2959	13491	3073	16774
Steam	1738	12735	1623	12851	2056	13609	2759	13954	2440	10983	2547	13569
Sailing	1759	1427	890	1314	450	125	153	12	519	2508	526	3205
In Ballast	5119	7529	4137	5858	4490	7687	5076	8085	4640	10284	4324	9926
Steam	2350	7427	1656	5680	2199	7404	2746	7956	2975	9306	3068	8686
Sailing	2769	102	2481	178	2291	283	2330	129	1665	978	1256	1240
Grand Total	8616	21691	6650	20023	6996	21421	7988	22051	7599	23775	7397	26700
Steam	4088	20162	3279	18531	4255	21013	5505	21910	5415	20289	5615	22255
Sailing	4528	1529	3371	1492	2741	408	2483	141	2184	3486	1782	4445
<b>D. Coastal Trade - Cleared</b>												
With Cargo	3320	24061	2570	21435	2648	12921	3141	15143	3967	14949	3601	17089
Steam	2532	23935	2114	21304	2109	12698	2688	15028	3195	14117	3167	16002
Sailing	788	126	456	131	539	223	453	115	772	832	434	1087
In Ballast	5671	8077	2486	6841	3778	6364	4623	7534	3793	7866	4256	9474
Steam	2293	7899	1071	6581	1544	6277	2858	7497	2535	6682	2519	6825
Sailing	3378	178	1415	260	2234	87	1765	37	1258	1184	1737	2649
Grand Total	8991	32138	5056	28276	6426	19285	7764	22677	7760	22815	7857	26563
Steam	4825	31834	3185	27885	3653	18975	5546	22525	5730	20799	5686	22827
Sailing	4166	304	1871	391	2773	310	2218	152	2030	2016	2171	3736

Source: Directorate General of Commercial Intelligence &amp; Statistics, Ministry of Commerce

**Table 20.4-NUMBER AND TONNAGE OF VESSELS WHICH ENTERED  
AND CLEARED AT INDIAN PORTS BY NATIONALITIES**

Nationalities	1990-91		1992-93		1993-94		1994-95		1995-96		1996-97	
	No. NRT('000)		No. NRT('000)		No. NRT('000)		No. NRT('000)		No. NRT('000)		No. NRT('000)	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Entered</b>												
Indian	1516	12099	1047	11163	1149	11136	1052	14370	1087	17288	1086	15552
British	66	448	25	199	24	252	47	651	51	333	40	477
American	99	1344	61	1089	64	826	59	761	99	1022	46	734
Chinese	48	270	28	98	35	170	47	367	48	473	54	756
Danish	39	397	47	549	46	222	61	335	49	410	11	143
Dutch	39	236	42	284	29	222	11	98	30	217	15	80
French	-	-	-	-	-	-	18	112	51	355	26	152
Greek	59	573	49	461	40	515	56	886	87	1612	41	1007
Italian	77	405	10	278	6	131	8	62	25	149	12	37
Japanese	58	435	42	1072	43	652	7	166	24	281	23	1709
Norwegian	101	940	34	605	49	499	88	854	112	1271	84	1165
Russian	138	1056	60	365	64	371	132	556	123	422	123	418
Others	2605	16058	2124	13962	2153	12829	2715	20401	3212	24024	3678	26128
<b>Total</b>	4845	34261	3569	30127	3702	27825	4301	39619	4998	47857	5239	48358
<b>Cleared</b>												
Indian	1266	6535	1038	5601	1190	7156	674	8316	548	12143	841	5805
British	50	341	13	121	12	193	39	600	42	312	26	235
American	55	829	57	813	62	996	59	834	97	1318	54	905
Chinese	100	503	75	1385	82	1558	108	2114	116	2281	154	2368
Danish	39	248	42	290	54	95	64	116	44	156	9	91
Dutch	47	585	45	752	32	177	11	575	15	317	28	497
French	-	-	-	-	13	50	49	338	60	362	71	684
Greek	43	494	46	312	19	448	24	413	28	651	23	595
Italian	56	1470	26	1637	37	2331	22	1484	26	957	11	1381
Japanese	152	9570	121	8459	99	7720	94	7728	103	8368	75	6412
Norwegian	51	344	15	255	24	230	53	701	40	370	59	662
Russian	137	929	79	419	57	250	111	590	130	524	120	517
Others	2257	13816	2082	14616	2165	15120	2635	19076	2901	20738	3183	24342
<b>Total</b>	4253	35664	3639	34660	3846	36324	3943	42885	4150	48497	4654	44494

Source: Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce

**Table 20.5-TONNAGE OF VESSELS WHICH ENTERED AND CLEARED AT INDIAN PORTS  
IN COASTAL TRADE BY NATIONALITIES**

('000 NRT)

Nationalities	1990-91		1992-93		1993-94		1994-95		1995-96		1996-97	
	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared	Entered	Cleared
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>In Ballast</b>												
Indian	6406	7152	5043	6114	6487	5583	6608	5925	8491	6391	8063	7292
British	9	11	..	..	25	11	..	7	8	11	17	14
Chinese	23	8	..	2	35	3	33	30	49	39	64	10
Japanese	5	20	31	29	55	49	10	40	1	1	41	3
Pakistani	..	..	..	..	..	..	14	19	..	..	..	..
Danish	13	16	36	4	6	7	21	21	2	1	..	39
Dutch	63	2	57	9	13	..	14	4	14	26	7	..
French	..	..	11	2	..	..	..	..	63	..	..	..
Greek	96	106	61	44	45	63	44	..	75	37	29	53
Italian	25	9	18	29	51	9	..	2	11	..	22	13
Norwegian	96	32	36	9	63	43	75	51	48	22	53	84
Portuguese	..	14	..	..	..	..	22	2	..	3	..	..
Russian	67	36	23	23	67	91	67	75	26	50	35	41
Swedish	..	..	..	..	..	..	..	..	..	..	6	..
German	54	5	26	5	..	12	12	14	20	..	66	22
American	14	80	25	47	118	45	58	35	238	70	84	68
Panamanian	202	172	122	128	154	96	155	97	69	108	256	142
Others	455	414	360	396	568	352	952	1212	1169	1107	1183	1693
<b>Total</b>	<b>7528</b>	<b>8077</b>	<b>5858</b>	<b>6841</b>	<b>7687</b>	<b>6364</b>	<b>8085</b>	<b>7534</b>	<b>10284</b>	<b>7866</b>	<b>9926</b>	<b>9474</b>
<b>With Cargo</b>												
Indian	11527	21963	10482	18957	10978	10269	11304	11401	10887	11465	13114	13001
British	99	57	36	21	34	28	62	68	44	96	26	56
Chinese	12	17	3	5	17	10	94	77	61	65	24	55
Japanese	30	26	9	32	97	95	18	..	..	..	..	..
Pakistani	..	..	..	..	..	..	..	33	..	..	..	..
Danish	219	5	155	46	52	7	55	57	19	58	11	31
Dutch	82	46	168	..	89	3	..	35	50	26	23	38
French	..	..	..	..	..	..	..	5	46	..	11	11
Greek	48	99	86	132	50	154	60	151	48	72	126	340
Italian	..	..	..	..	..	..	13	9	11	11	12	11
Norwegian	234	222	328	244	171	287	122	147	70	161	237	224
Portuguese	..	..	..	..	2	5	12	1	..	..	..	..
Russian	253	203	353	222	178	518	138	234	169	154	81	93
Swedish	..	13	..	..	..	..	..	..	..	..	..	14
German	51	84	70	64	90	31	13	31	60	25	117	31
American	314	117	389	316	484	274	462	259	498	279	616	299
Panamanian	402	300	359	402	324	228	244	310	222	321	378	570
Others	891	909	1727	994	1168	1013	1369	2325	1306	2216	1998	2315
<b>Total</b>	<b>14162</b>	<b>24061</b>	<b>14165</b>	<b>21435</b>	<b>13734</b>	<b>12922</b>	<b>13966</b>	<b>15143</b>	<b>13491</b>	<b>14949</b>	<b>16774</b>	<b>17089</b>

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce

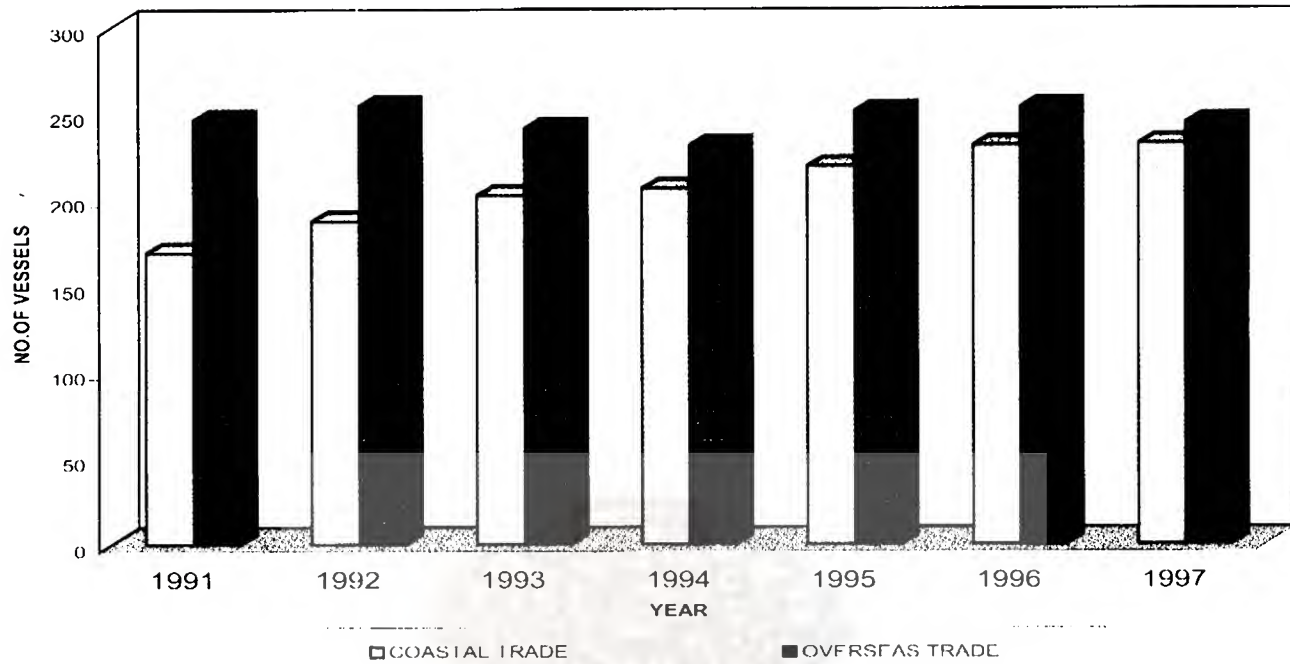


Table 20.6- TOTAL SHIPPING IN THE FOREIGN AND COASTAL TRADE AT MAJOR PORTS

Major Ports	1990-91		1992-93		1993-94		1994-95		1995-96		1996-97	
	No. '000 NRT		No. '000 NRT		No. '000 NRT		No. '000 NRT		No. '000 NRT		No. '000 NRT	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Mumbai</b>												
Steamers	6430	32202	5481	36201	6450	30443	8140	39699	8292	38347	7911	36651
Indian	2795	16112	2113	19397	2420	13143	3670	13355	4190	14379	3152	12978
Others	3635	16090	3368	16804	4030	17300	4470	26344	4102	23968	4759	23673
Sailing vessels	3010	458	1727	269	1887	309	752	179	441	108	800	339
Total Steamers/ Sailing Vessels	9440	32660	7208	36470	8337	30752	8892	39878	8733	38455	8711	36990
<b>Calcutta</b>												
Steamers	1643	7865	1242	5310	1409	7486	1603	8832	1663	9513	1531	7267
Indian	514	2604	424	1965	456	2469	503	2964	535	3809	483	2574
Others	1129	5261	818	3345	953	5017	1100	5868	1128	5704	1048	4693
Sailing vessels	..	..	90	482	..	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	1643	7865	1332	5792	1409	7486	1603	8832	1663	9513	1531	7267
<b>Madras Fort St. George</b>												
Steamers	5549	41541	4915	43482	4489	33574	3875	35748	5136	44082	5606	47610
Indian	2770	20525	2417	20895	2397	18309	1975	18922	2521	19086	3007	22592
Others	2779	21016	2498	22587	2092	15265	1900	16826	2615	24996	2599	25018
Sailing Vessels	1049	138	379	51	..	..	..	..	..	..	..	..
Total Steamers/ Sailing Vessels	6598	41679	5294	43533	4489	33574	3875	35748	5136	44082	5606	47610
<b>Cochin</b>												
Steamers	786	5283	620	3990	698	4221	1165	9222	925	5837	680	3529
Indian	184	3160	160	2239	185	2178	419	5871	194	2530	1	5
Others	602	2123	460	1751	513	2043	746	3351	731	3307	679	3524
Sailing Vessels	197	1035	142	942	10	40	..	..	435	5066	624	7703
Total Steamers/ Sailing Vessels	983	6318	762	4932	708	4261	1165	9222	1360	10903	1304	11232
<b>Ahmedabad</b>												
Steamers	2939	19201	1340	14611	1882	20066	3124	12764	3377	23594	4179	24972
Indian	2226	12867	635	7463	899	11836	2532	7575	2390	13744	2996	10405
Others	713	6334	705	7148	983	8230	592	5189	987	9850	1183	14567
Sailing Vessels	6852	1050	4483	418	5591	810	4979	375	4073	2015	3749	4125
Total Steamers/ Sailing Vessels	9791	20251	5823	15029	7473	20876	8103	13139	7450	25609	7928	29097
<b>Kandla</b>												
Steamers	1555	10355	..	..	..	..	2411	15374	2415	17955	2229	17248
Indian	440	3100	..	..	..	..	370	2855	524	4469	555	5128
Others	1115	7255	..	..	..	..	2041	12519	1891	13486	1674	12120
Sailing Vessels	..	..	..	..	..	..	..	..	..	..	150	140
Total Steamers/ Sailing Vessels	1555	10355	..	..	..	..	2411	15374	2415	17955	2379	17390
<b>Marmugao</b>												
Steamers	1002	29949	1485	28661	1831	31903	1705	33248	1601	28991	1259	26880
Indian	593	12481	1012	9891	1292	11897	1181	12899	1081	9634	773	6920
Others	409	17468	473	18770	539	20006	524	20349	520	19357	486	19960
Sailing Vessels	24	3	9	7	32	4	36	6	8	2	..	..
Total Steamers/ Sailing Vessels	1026	29952	1494	28668	1863	31907	1741	33254	1609	28993	1259	26880

Source: Directorate General of Commercial Intelligence &amp; Statistics, Ministry of Commerce.

## STRENGTH OF INDIAN MERCHANT SHIPPING FLEET



## GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS

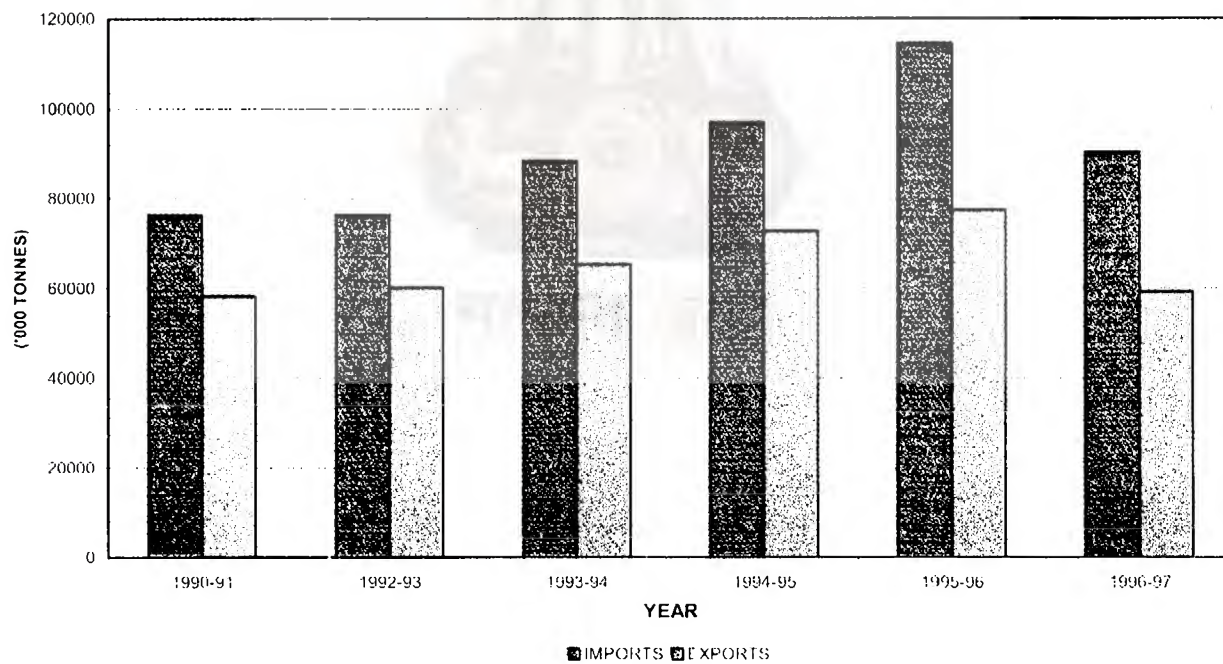


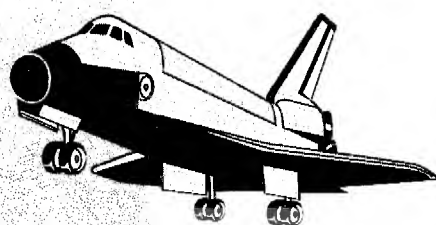
Table 20.7-GROSS WEIGHT OF CARGO HANDLED AT MAJOR PORTS

('000 tonnes)

Major Port	1990-91		1992-93		1993-94		1994-95		1995-96		1996-97	
	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export	Import	Export
1	2	3	4	5	6	7	8	9	10	11	12	13
Calcutta	10606	4634	12915	5423	12217	6279	14082	6453	15115	6400	16228	6896
Coastal trade	1238	3628	1898	4057	2142	4603	2482	4898	2832	4578	2723	4990
Foreign trade	9368	1006	11017	1366	10075	1676	11600	1555	12283	1822	13505	1906
Mumbai	13719	15180	14715	13596	16861	12800	15589	14052	16797	16032	..	..
Coastal trade	594	11942	115	10451	198	8255	132	9936	330	10874	..	..
Foreign trade	13125	3238	14600	3145	16663	4545	15457	4116	16467	5158	..	..
Chennai	14125	8643	15681	8440	15930	8713	18740	9712	19573	9429	21422	9402
Coastal trade	7687	1313	8089	1401	8392	1152	9795	1784	8740	1029	10331	1187
Foreign trade	6438	7330	7592	7039	7538	7561	8945	7928	10833	8400	11091	8215
Visakhapatnam	9609	9099	1554	9991	12174	10666	13573	14192	14739	15206	8145	13275
Coastal trade	2179	3204	397	4392	1396	3579	2439	7256	3218	8051	3426	6041
Foreign trade	7430	5895	1157	5599	10778	7087	11134	6936	11521	7155	4719	7234
Cochin	6250	1025	6864	1113	6341	1279	7193	1438	9110	2319	9540	2087
Coastal trade	4113	644	4263	521	4454	523	4246	556	3517	1414	5188	1324
Foreign trade	2137	381	2601	592	1887	756	2947	882	5593	905	4352	763
Kandla	17270	2414	20502	2407	20952	3548	22496	4005	24658	5680	29266	4462
Coastal trade	5903	147	4267	155	3183	101	3880	800	4247	110	4907	132
Foreign trade	11367	2267	16235	2252	17769	3447	18616	3205	20411	5570	24359	4330
Paradip	2838	4045	2234	5178	2242	5746	3273	6630	4196	7059	3847	7721
Coastal trade	-	1944	-	-	-	-	-	-	-	-	-	-
Foreign trade	2838	2101	2234	5178	2242	5746	3273	6630	4196	7059	3847	7721
Marmugao	1722	13190	1645	13920	1514	16182	1940	16149	10259	15277	1761	15361
Coastal trade	663	36	655	390	586	524	653	728	8790	131	736	102
Foreign trade	1059	13154	990	13530	928	15658	1287	15421	1469	15146	1025	15259
Total (Major Ports)	76139	58230	76110	60068	88231	65213	96886	72631	114447	77402	90209	59204
Coastal trade	22377	22858	19684	21367	20351	18737	23627	25958	31674	26187	27311	13776
Foreign trade	53762	35372	56426	38701	67880	46476	73259	46673	82773	51215	62898	45428

Source: Directorate General of Commercial Intelligence and Statistics, Ministry of Commerce





**CIVIL AVIATION**



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## CHAPTER 21

### Civil Aviation

The section presents tables relating to revenue traffic carried by Indian scheduled operators, viz., Air India and Indian Airlines. These two Corporations came into operation in August, 1953 on nationalisation of air transport in India. Indian Airlines operates on routes inside India and on international routes to adjacent countries while Air India operates mainly on international routes. The data for domestic and international services have been shown separately. For ensuring international comparability of data, the standards laid down by International Civil Aviation Organisation (ICAO) have been adopted.

**Table 21.1**

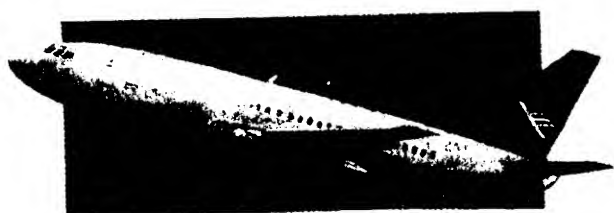
This table presents statistics relating to passengers and cargo traffic carried and operating revenue earned by the national carriers on scheduled operations in domestic (Indian Airlines, Air India and Vayudoot) and international services (Air India and Indian Airlines) separately.

**Table 21.2**

This table presents similar data for Indian non-scheduled operations.

Various technical terms used in these tables are defined below:

**Hours Flown-** These figures present the total number of hours flown by planes carrying the revenue traffic.



**Aircraft Kilometres Flown-** These figures represent the total kilometres flown by planes carrying the revenue traffic.

**Tonne Kilometres Available-** The figures are obtained by multiplying the total tonnage offered to the public for air transportation of passengers, freight and mail by the kilometres flown.

**Passenger, Freight and Mail Carried-** The number of passengers carried represents the total number of passengers carried on different air-routes treating passengers travelling by planes for two or more routes as having performed two or more journeys. These figures relating to the weight of freight and mail carried are expressed in tonnes.

**Passenger Kilometres Performed-** The figures are

obtained by adding up the kilometres travelled by each passenger.

**Tonne Kilometres Performed-** Represents aggregates based on the product of the tonnage of freight or mail as the case may be, and the distance through which the load was carried. The figures relating to total load tonne kilometres take into account all kinds of traffic including passengers.

**Passenger Load Factor-** Represents the percentage of passenger kilometres flown to the seat kilometres available.

**Weight Load Factor-** Represents the percentage of tonne-kilometres performed (passenger, freight and mail) to the tonne kilometres available.





Table 21.1 INDIAN SCHEDULED OPERATIONS

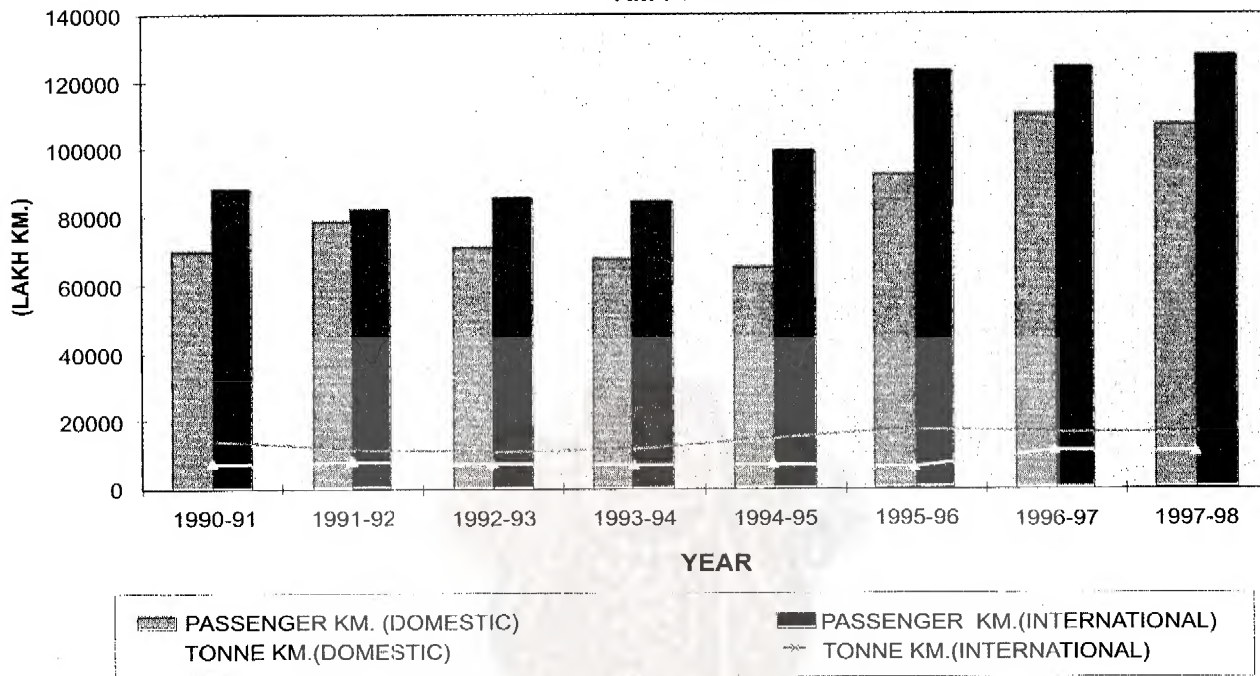
Items/Year	Unit	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>I. Domestic Services (1)</b>									
1. Hours flown	'000 hr.	124	136	123	105	102	162	202	194
2. Aircraft kilometres flown	lakh km.	587	678	610	582	578	888	1125	1094
3. Passengers carried	'000 no.	7912	8919	7888	7510	7271	10356	12317	11547
4. Passenger kilometres performed	lakh	70281	79308	71467	67786	65450	92493	110473	107029
5. Passenger load factor	Percentage	79.4	68.1	68.7	62.6	63.6	68.8	66.7	65.0
6. Cargo carried	'000 tonne	97	102	92	91	97	113	120	125
(i) Freight	'000 tonne	82	86	76	72	79	95	103	107
(ii) Mail	'000 tonne	15	16	16	18	18	18	17	18
7. Tonne kilometres performed	lakh	6843	7640	6875	6540	6454	8957	10562	10292
(i) Passenger	lakh	5802	6542	5877	5587	5442	7795	9300	8964
(ii) Freight	lakh	880	925	813	752	810	964	1067	1132
(iii) Mail	lakh	161	172	185	201	202	198	195	196
8. Weight load factor	Percentage	75.8	61.4	62.4	57.1	57.5	61.4	60.3	59.1
9. Operative revenue earned	Rs.lakh	92154	108857	119029	158934	..	..	..	..
(i) Passenger	Rs.lakh	84723	103034	113236	149792	..	..	..	..
(ii) Freight	Rs.lakh	6394	4660	4299	7445	..	..	..	..
(iii) Mail	Rs.lakh	1037	1163	1494	1697	..	..	..	..
<b>II. International Services</b>									
1. Hours flown	'000 hr.	73	67	66	71	83	97	100	98
2. Aircraft kilometres flown	lakh km.	511	512	514	546	574	663	670	659
3. Passengers carried	'000 no.	2430	2234	2324	2321	2597	3094	3296	3436
4. Passenger kilometres performed	lakh	88202	82117	85407	84564	99341	122568	123295	126511
5. Passenger load factor	Percentage	66.5	65.9	68.4	64.1	63.7	69.0	68.4	70.1
6. Cargo carried	'000 tonne	101	74	65	73	93	103	94	92
(i) Freight	'000 tonne	99	72	63	71	91	101	93	91
(ii) Mail	'000 tonne	2	2	2	2	2	2	1	1
7. Tonne kilometres performed	lakh	13747	11452	10894	11336	14234	16688	15601	15769
(i) Passenger	lakh	8114	7559	7821	7771	9118	11264	11325	11631
(ii) Freight	lakh	5526	3767	2993	3469	5031	5325	4207	4067
(iii) Mail	lakh	107	126	80	96	85	99	69	71
8. Weight load factor	Percentage	62.4	63.5	62.2	62.3	64.2	66.7	64.2	67.4
9. Operative revenue earned	Rs.lakh	138852	177900	223510	219452	..	..	..	..
(i) Passenger	Rs.lakh	106729	148309	194334	187980	..	..	..	..
(ii) Freight	Rs.lakh	31073	28192	27967	29847	..	..	..	..
(iii) Mail	Rs.lakh	1049	1399	1209	1625	..	..	..	..

Source : Directorate General of Civil Aviation, Ministry of Civil Aviation

(1) Data for the year 1993-94 and onwards excludes Vayudoot.

## INDIAN CIVIL AVIATION SCHEDULED OPERATIONS

### KM PERFORMED



### PASSENGERS CARRIED

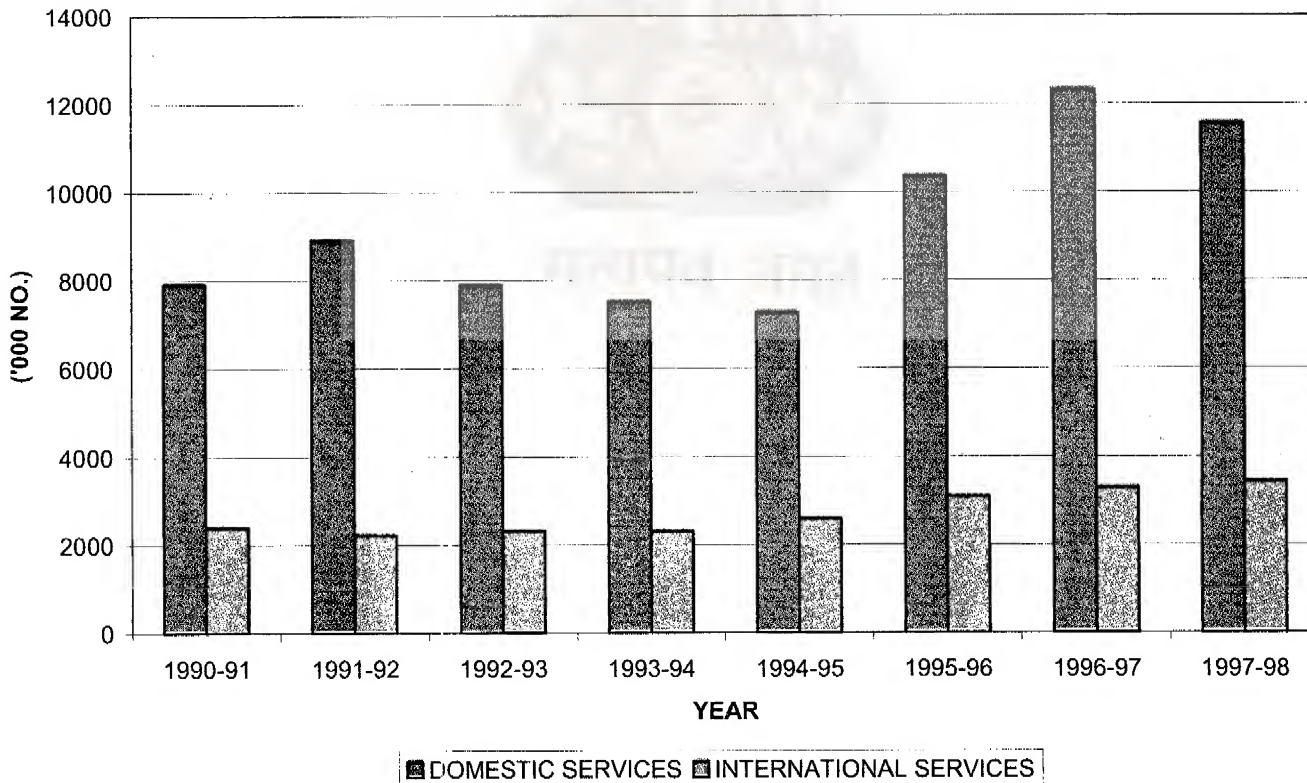


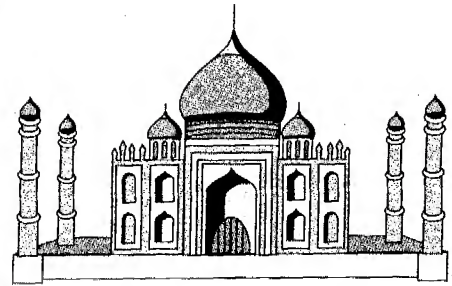
Table 21.2 - INDIAN NON-SCHEDULED OPERATIONS

Year	Hours flown	Kilo-metres flown ('000)	Passengers carried (no.)	Freight carried (tonne)	Freight carried	Total load carried	Capacity offered
					('000 tonnes/kilometre)		
1	2	3	4	5	6	7	8
<b>Air India</b>							
1990-91	870	578	27909	194	585	6623	29217
1991-92	1182	829	38649	327	185	11774	41626
1992-93	1067	741	33454	304	2058	13106	39044
1993-94	395	261	12551	58	664	4249	13211
1994-95	137	198	3220	79	121	3046	11930
1995-96	563	356	6402	65	1419	2595	..
1996-97	543	361	9688	253	577	4002	..
<b>Purely Non-Scheduled Operations</b>							
1990-91	500	132	472	..	..	125	45
1991-92	261	47	406	..	..	..	..
1992-93	171	61	222	..	..	..	..
1993-94	678	146	540	..	..	..	..
1994-95	965	184	845	..	..	..	..

Source: Directorate General of Civil Aviation, Ministry of Civil Aviation







**TOURISM**



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## CHAPTER 22

# Tourism

Table 22.1

This section presents data on foreign tourists coming to India, by their nationality. For this purpose the Department of Tourism has adopted the following definition as per recommendation of "U.N. Conference of International Tourism, Rome, 1963".

'A foreign tourist is a person visiting India on a foreign passport staying at least twenty four hours in India and the purpose of whose journey can be classified under one of the following headings:

- (i) Leisure(recreation, holiday, health, study, religion and sport);
- (ii) Business, family, mission or meeting'.

The following are not regarded as "foreign tourists".

1. Persons arriving, with or without a contract, to take up an occupation or engage in activities remunerated from within the country;
2. Persons coming to establish residence in the country;
3. "Excursionists" i.e. temporary visitors staying less than twenty four hours in the country visited (including travellers on cruises).

Statistics in this publication do not include the following:

1. Nationals of Pakistan and Bangladesh prior to 1981,
2. All foreigners entering India from Bhutan by land
3. All foreigners entering India through land routes along Indo-Nepal Border.
4. Children who are less than 3 years of age.



Table 22.1- NUMBER OF FOREIGN TOURISTS TO INDIA

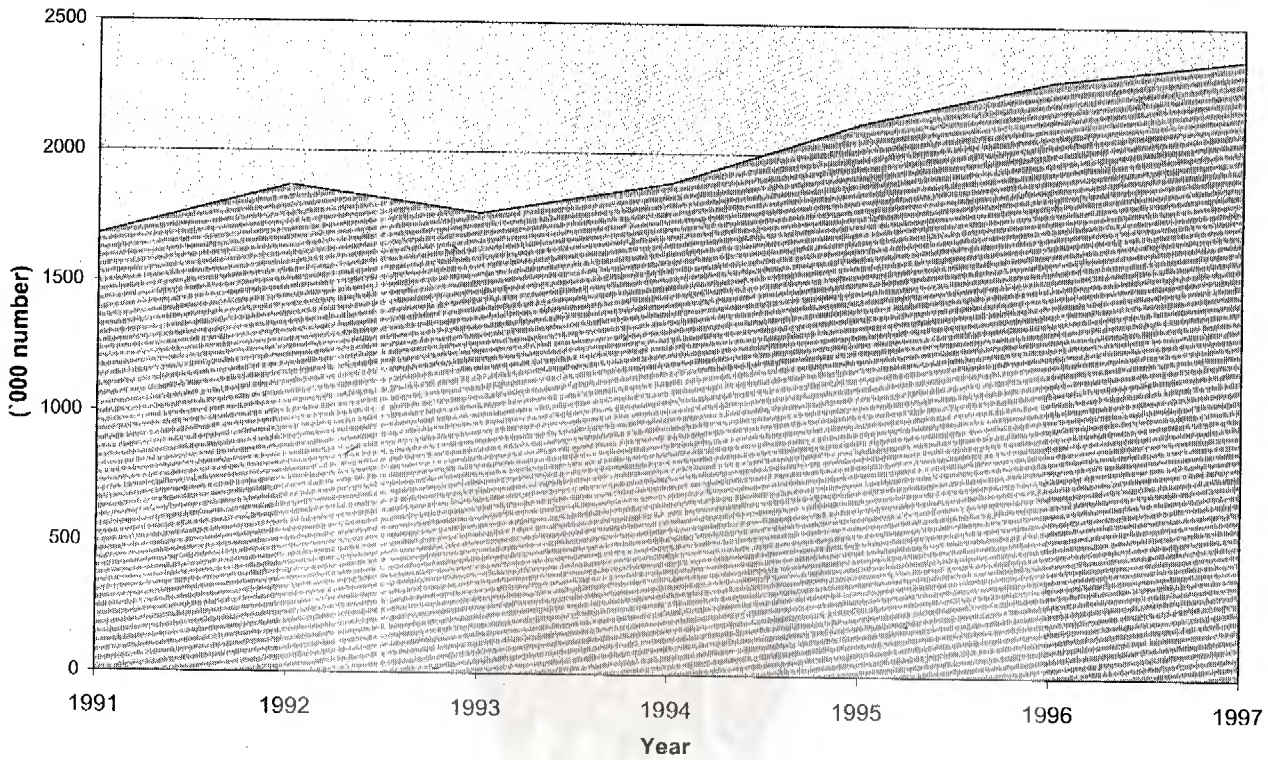
Nationalities	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
<b>NORTH AMERICA</b>	153502	195872	206077	232938	267188	302894	322864	324920
Canada	36142	43386	47800	56441	63821	74031	78570	80111
U.S.A.	117322	152288	158159	176482	203343	228829	244239	244687
Others	38	198	118	15	24	34	55	122
<b>CENTRAL &amp; SOUTH AMERICA</b>	11819	12339	13450	11805	16672	19346	17011	23701
Argentina	1428	2127	2038	1823	2072	2839	3202	3776
Brazil	2488	2954	2638	3184	4201	5194	4821	6498
Chile	243	487	438	483	885	902	793	1433
Colombia	559	652	735	900	1141	1249	1060	2146
Mexico	1110	1500	1834	1615	2142	2400	2364	3462
Others	5991	4619	5767	3800	6231	6762	4771	6386
<b>AFRICA</b>	62127	71020	61975	64134	87238	89148	102361	110708
Ethiopia	6100	7528	6241	5772	6174	5138	5273	5784
Ghana	387	290	363	299	390	470	427	609
Kenya	13831	16534	13597	14404	17389	19248	18993	21537
Malawi	114	206	216	149	69	119	134	192
Mauritius	6385	9831	9599	10348	11353	9684	11518	13632
Nigeria	2342	1998	1704	2170	3624	3721	3972	3710
Somalia	1357	563	453	309	551	658	537	340
South Africa	8087	11068	9914	11538	18750	19328	22218	20397
Sudan	5063	3442	2375	2077	2404	2375	3071	2406
Tanzania	6103	6198	6058	6664	8821	11083	8794	8245
U.A.R.	2511	2866	2449	2819	3090	3485	3451	4663
Uganda	482	724	655	874	872	746	639	1401
Zambia	3970	3930	3441	3126	1356	1355	1480	1402
Zimbabwe	290	-	-	35	184	524	470	2065
Others	5105	5842	4910	3550	12211	11214	21384	24325
<b>AUSTRALASIA</b>	30535	35685	39020	43865	49941	63063	65387	80212
Australia	22700	26646	28795	33142	36150	48755	50647	57807
Fiji	1223	1584	2150	1781	2094	1584	1379	1917
New Zealand	5968	6278	6676	8078	10700	11289	11409	14720
Others	644	1177	1399	864	997	1435	1952	5768
<b>WESTERN EUROPE</b>	514541	606739	624628	664820	754182	821222	831329	853411
Austria	9945	10606	11935	12083	13114	17084	16369	18211
Belgium	12549	10747	10713	13931	18732	22160	21532	22658



Table 22.1- NUMBER OF FOREIGN TOURISTS TO INDIA - Contd.

Nationalities	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
Denmark	5645	6559	7563	9418	14128	13326	14203	16370
Finland	5524	8378	8877	6438	10659	16057	12127	9844
France	69346	74304	70694	73088	82349	93325	91423	97898
Federal Republic of Germany	72019	84422 #	83341 #	85352 #	89040 #	99853 #	105979	93993
Ireland	2400	3231	3676	3790	5666	5835	5257	7062
Italy	41129	51138	40315	43510	53015	49910	53854	54058
Greece	2212	3924	4489	4345	4872	5567	4182	5494
Netherlands	19845	30145	30856	35094	40147	40246	44843	54227
Norway	3543	4132	4495	5105	6803	8205	8046	8769
Portugal	3819	6500	5154	5366	6679	7020	6855	8004
Spain	13644	24850	20353	21436	24411	24419	22903	25309
Sweden	10591	13305	15358	13872	19013	21192	19772	19563
Switzerland	29247	28851	31016	30102	29388	34989	31717	33364
U.K.	212052	244263	274168	300696	334827	360686	370567	376513
Others	1031	1384	1625	1194	1339	1348	1700	2074
<b>EASTERN EUROPE</b>	46073	48974	56709	66060	53275	55673	45097	48243
Bulgaria	630	362	499	405	667	614	678	549
Czechoslovakia	3200	1903	1331	1980	2314	2800	2330	4244
German Democratic Republic	55	#	#	#	#	#	-	-
Hungary	1760	1113	1388	1496	1548	1847	1709	2775
Poland	6160	4240	3727	4492	5470	6241	5996	7873
Romania	604	1121	624	653	1457	1599	1250	1695
U.S.S.R. (1)	32432	39409	48644	56387	40665	41085	32190	29493
Yugoslavia	1232	826	496	223	838	1183	944	1614
Others	-	-	-	424	316	304	-	-
<b>WEST ASIA</b>	118530	135874	118223	114096	114748	114262	112607	98589
Bahrain	11386	13096	8942	11166	12343	10835	11547	10251
Dubai	28860	31709	28296	30503	19749	21401	19828	14992
Iraq	758	1127	986	540	1359	1076	1248	1293
Israel	6882	9468	9646	12098	14806	18387	20162	21103
Jordan	2213	3331	2609	2219	3335	2306	2616	2334
Kuwait	5884	8744	8168	6638	3600	2604	2302	1974
Lebanon	570	900	629	1024	1422	1429	1461	1258
Oman	17035	15668	13692	14511	17060	17020	16185	13695
Qatar	6734	5518	5441	3594	3668	2416	3718	4552

## FOREIGN TOURISTS IN INDIA



## COMPOSITION (1997)

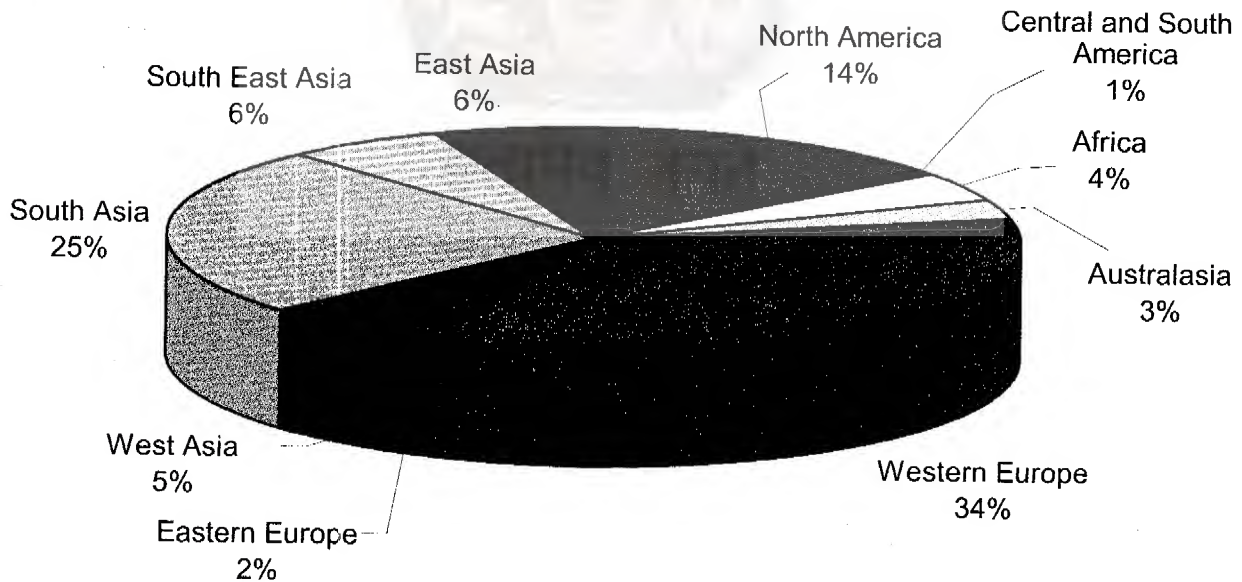


Table 22.1- NUMBER OF FOREIGN TOURISTS TO INDIA - Concl'd.

Nationalities	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
Saudi Arabia	21114	23255	17947	15524	16252	17688	15390	12256
Turkey	2117	2783	2242	1409	1835	2139	2135	1778
Yemen	11944	16419	15962	11696	16777	15103	13909	8310
Others	3033	3856	3663	3174	2542	1858	2106	1793
<b>SOUTH ASIA</b>	590621	578368	465655	480142	540209	543967	583706	558772
Afghanistan	25328	16579	9540	4223	10942	12943	3151	3605
Bangladesh	251260	246589	277565	282271	318474	322355	355371	339757
Iran	19959	17926	15725	14775	12337	12171	11338	9828
Nepal	21834	25244	28048	34732	34562	43426	43155	38199
Pakistan	190128	186325	44622	42146	42981	41810	45076	44057
Sri Lanka	70088	71935	76898	89009	114157	107351	122080	118292
Others	12024	13770	13257	12986	6756	3911	3535	5034
<b>SOUTH EAST ASIA</b>	78966	93328	98935	113535	129491	132808	146205	133524
Burma	674	711	744	844	1271	2306	2681	3022
Indonesia	4209	4918	4593	6125	7795	7701	7756	5728
Malayasia	30617	35201	35334	40762	50039	53370	60401	47496
Philippines	3207	3970	3465	4297	5580	5152	5756	5527
Singapore	28363	35039	40223	44157	48632	47136	52004	54328
Thailand	11354	12620	12806	16313	14462	16188	16494	16368
Others	542	869	1770	1037	1712	955	1113	1055
<b>EAST ASIA</b>	67793	85940	77058	93844	109916	144266	146880	129366
China	3476	4778	5157	5833	5111	5613	7369	4312
Hong Kong	10128	9925	10015	8147	9590	8560	10209	9562
Japan	46655	60137	49616	63398	76042	99018	99729	89565
Korea	6267	8680	9358	13505	14978	22733	23651	18385
Others	1267	2420	2912	2961	4195	8342	5922	7542
<b>STATELESS</b>	3001	3512	3100	1194	823	1211	647	183
<b>GRAND TOTAL</b>	1677508	1867651	1764830	1886433	2123683	2287860	2374094	2358629

Source: Department of Tourism

# Due to unification of Germany, German Democratic Republic figures are included in Federal Republic of Germany w.e.f. 1992.

(1) Data for the year 1993-94 and onwards relate to C.I.S.







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## CHAPTER 23

# Posts and Telecommunications

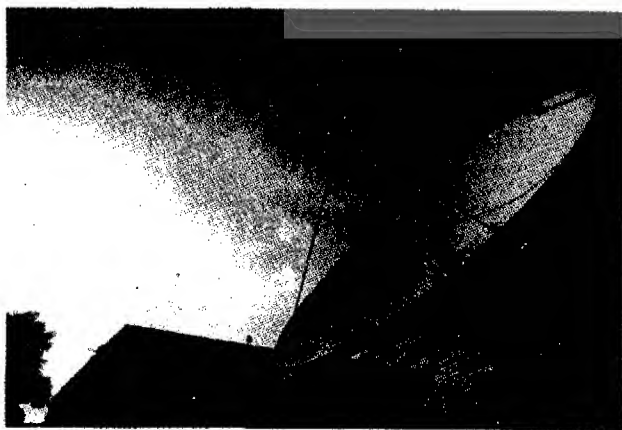
**T**his section presents operating and financial data relating to the different branches of the Posts and Telecommunications Departments, including the Post Office Savings Banks. This comprises statistics of the number of offices and the length in kilometres of telegraph lines as well as the volume of traffic handled by those offices and/or sent over the wires which can be used to study the growth of traffic with the expansion of facilities and vice versa. For details, Annual Report and the Statistical Digest published by the Department of Posts and Department of Telecommunications, Ministry of Communications may be seen.

**Table 23.1**

This table provides the general all India statistics of post offices, namely, number of post offices, letter boxes, postal articles, money orders, etc. This table also provides data regarding the total strength of establishments and length of railways, roads etc. over which the mail was carried.

**Table 23.2**

This table presents estimated number of postcards, letters, newspapers, parcels and packets handled by the post offices. The table also presents the actual number of registered, insured and value payable articles. In the case of unregistered postal traffic, it is not possible to maintain day-to-day statistics of the actual number of articles handled by the post offices. The number of unregistered articles is, therefore, estimated from a



count of articles in all post offices in India taken during the week in February (representing busy season) and week in August (representing slack season).

**Table 23.3**

This table, in addition to all India totals for earlier years, presents circle-wise information for latest year regarding number of post offices, letter boxes, postal articles, etc.

**Table 23.4**

This table provides circle-wise and all India information regarding number and amount of money orders issued and paid. The data for Indian and foreign money orders are shown separately.

**Table 23.5**

This table presents number of post office savings banks, number of depositors and amount deposited and withdrawn.

**Table 23.6**

This table provides data regarding receipts and expenditure of Post Offices by heads. Receipts under

postage including both sale of stamps and postage paid in cash, i.e., (i) postage prepaid in cash in post offices, (ii) credits afforded in the schedule of customs duty on account of postal redirection fees and insurance fees realised on delivery of inward foreign parcels, (iii) charges for resetting franking machines, and (iv) cash realised for unpaid or insufficiently paid postal articles.

**Table 23.7**

This table presents the figures of expenditure of post offices under capital account.

**Tables 23.8**

These tables show summary statistics regarding telegraph lines, telephone lines and telephone offices.

**Tables 23.9**

These tables show data relating to paid telegraphic messages and telegraphic offices.

**Tables 23.10**

The general financial results of the Telecommunications Department has been presented in this table.



Table 23.1-GENERAL STATISTICS OF POST OFFICES

Particulars	Unit	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
1. Post offices	no.	148719	152037	152786	152792	152781	153021	153454
2. Letter boxes(permanent)	no.	520074	497475	511946	534778	542617	558659	561868
3. Total strength of establishments (1)	no.	591968	596062	597663	597175	598323	594685	604257
4. Length of railways, roads, etc. over which the mails are carried	km.	1493859	1317601	1330004	1668343	1774455	1958406	2602801
5. No. of postal articles handled (excluding money orders)	crore	1468	1340	1305	1360	1395	1509	1575
6. No. of inland money orders issued (2)	'000 no.	105758	105322	98674	101869	105728	111605	110774
7. No. of value payable articles sent	'000 no.	7681	8286	8964	8544	10282	11622	9661

Source: Department of Posts, Ministry of Communications

(1) Inclusive of audit and accounts establishments.

(2) Data relate to ordinary and telegraphic inland money orders issued.

Table 23.2- ESTIMATED NUMBER OF POSTCARDS, LETTERS, NEWSPAPERS, PARCELS AND PACKETS HANDLED

('000 number)

Particulars	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
1. Postcards	3636593	3223310	3357350	3409430	3653560	3585170	4001470	3924640
2. Letters	8724894	8383928	8333790	7940984	8003574	8539936	9074032	9723553
Paid and service (1)	8236574	7841570	7783910	7485520	7524050	8067590	8638410	9206190
Unpaid (2)	200557	269800	260720	154920	195170	205480	173580	258380
Registered	276279	262169	278013	288754	272321	253836	246368	245601
Insured	6031	4793	5176	6147	6621	6355	7587	7322
Value payable	5453	5596	5971	5643	5412	6675	8087	6060
3. Newspapers	924313	922570	745750	723790	853590	764350	850910	849510
4. Parcels	183958	207649	201755	145884	164534	168720	182980	292128
Registered								
Ordinary	18498	19320	20107	27560	31300	33775	32142	31710
Insured	2320	2361	2473	2813	3552	3638	3553	3257
Value payable	2228	2018	2315	3321	3132	3607	3535	3601
Unregistered	160912	183950	176860	112190	126550	127700	143750	253560
5. Packets	1213570	974080	761090	831040	932530	899260	987090	959470
Grand Total	14683328	13711537	13399735	13051128	13607788	13957436	15096482	15749301

Source: Department of Posts, Ministry of Communications

(1) Including letter cards.

(2) Includes insufficiently paid.

**Table 23.3- NUMBER OF POST OFFICES, LETTER BOXES AND POSTAL ARTICLES  
(Excluding Money Orders)**

Year/Circles	Number of		Distance over which mails carried (km.)	Estimated number of postal articles handled (excluding money orders) ('000)
	Post offices	Letter boxes		
1	2	3	4	5
<b>All India</b>				
1990-91	148719	520074	1493859	14683328
1991-92	150346	497291	1475036	13711537
1992-93	152037	497475	1317601	13399735
1993-94	152786	511946	1330004	13051128
1994-95	152792	534778	1668343	13607788
1995-96	152781	542617	1774455	13957436
1996-97	153021	558659	1960618	15096484
1997-98	153454	561868	2602801	15749310
<b>1997-98 Circles</b>				
Andhra Pradesh	16178	47671	164570	1392586
Assam	3834	17415	23323	318494
Bihar	11840	30309	46428	406267
Delhi	563	3336	11000	424884
Gujarat (1)	8981	27907	75108	1142801
Haryana	2621	9468	17685	249317
Himachal Pradesh	2756	7304	21571	124131
Jammu & Kashmir	1620	3612	3430	71513
Karnataka	9838	29615	149320	1057116
Kerala (2)	5052	19598	95419	1285914
Madhya Pradesh	11282	48696	36143	598262
Maharashtra (3)	12609	47563	156190	2194355
North Eastern (4)	2838	8379	40304	247311
Orissa	8108	22518	22477	373622
Punjab (5)	3915	14270	7289	354606
Rajasthan	10340	27397	490091	550491
Tamil Nadu (6)	12138	58848	106112	2180822
Uttar Pradesh	20140	98421	1052162	1549445
West Bengal (7)	8801	39541	84179	1227373

Source: Department of Posts, Ministry of Communications

- (1) Including Daman, Diu and Dadar & Nagar Haveli.
- (2) Including Lakshadweep.
- (3) Including Goa.
- (4) Including Arunachal Pradesh, Manipur, Meghalaya, Mizoram, Nagaland and Tripura.
- (5) Including Chandigarh.
- (6) Including Pondicherry and Mahe.
- (7) Including Sikkim and Andaman & Nicobar Islands.

Table 23.4- TOTAL NUMBER AND AMOUNT OF MONEY ORDERS

Year/Circles	Indian Money Orders issued in India		Foreign Money Orders issued & paid in India			
	Number issued (‘000)	Amount issued (Rs. ‘000)	Number		(Rs. ‘000)	
			Issued	Paid	Issued	Paid
1	2	3	4	5	6	7
<b>All India</b>						
1990-91	105758	29371885	41	80301	19	156532
1991-92	105567	25872412	28	16467	71	180428
1992-93	105322	29124249	-	66	-	137630
1993-94	98674	31825516	-	59436	-	185985
1994-95	101869	33555872	-	2111	-	2388
1995-96	105728	37872605	-	2167	-	2608
1996-97	111605	41007720	-	2245	-	2901
1997-98	110774	44653790	-	2458	-	3374
<b>1997-98</b>						
<b>Circles</b>						
Andhra Pradesh	4840	2132782	-	56	-	77
Assam	2057	881387	-	-	-	-
Base	1617	1791981	-	-	-	-
Bihar	6015	1145703	-	327	-	470
Delhi	3759	2442167	-	32	-	50
Gujarat (1)	8750	3075720	-	-	-	-
Haryana	1535	1142592	-	-	-	-
Himachal Pradesh	810	537181	-	-	-	-
Jammu & Kashmir	460	352580	-	-	-	-
Karnataka	10797	2726044	-	195	-	274
Kerala (2)	7281	4508559	-	130	-	165
Madhya Pradesh	3072	1516926	-	43	-	66
Maharashtra (3)	19830	7667362	-	142	-	224
North Eastern (4)	1117	748516	-	-	-	-
Orissa	1375	787868	-	67	-	100
Punjab (5)	3363	2325684	-	261	-	420
Rajasthan	3806	1171329	-	5	-	7
Tamil Nadu (6)	17490	4454026	-	83	-	132
Uttar Pradesh	5723	2415311	-	85	-	126
West Bengal (7)	7077	2830072	-	1032	-	1263

Source: Department of Posts, Ministry of Communications

For footnotes, please see pre-page (the footnote mentioned in Table No.23.3).



**Table 23.5- NUMBER OF POST OFFICE SAVINGS BANKS, DEPOSITORS AND AMOUNT OF DEPOSITS**

('000)

Particulars	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
No of banks at the end of the year	146P	..	..	..	..	149000	..	..
No. of depositors	64719	46597	37519	42649	47141	51921	54138	57965
Deposits each year	51122504	49333331	53046290	66213328	65575284	75535157	75937880	9340069
Withdrawals each year(1)	40076470	52320827	57091601	56018558	64219907	64624651	73240106	69972106
Balance of deposits	423219522	40232026	36186715	46381485	47736862	58647368	61345142	84773795

Source: Department of Posts, Ministry of Communications

(1) Exclusive of transfer transactions.

**Table 23.6- RECEIPTS AND CHARGES OF THE POST OFFICES**

(Rs. '000)

Head of receipt and charges	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98*
1	2	3	4	5	6	7	8	9
<b>Receipts:</b>								
1. Postage(stamps and cash)	6294406	7128436	8168383	8613006	8949163	8815628	8904987	9773282
2. Service postage stamps	554048	583713	615429	566400	595930	602296	648156	722724
3. Money order receipts	1104601	1261084	1356808	1450549	1621221	1722062	1893296	1647543
4. Other receipts	492969	553297	673182	576592	686155	633136	967995	509390
<b>Deduct:</b>								
5. Net payments to other postal administration	37493	47838	74841	154836	148323	268908	268197	136516
6. Telegraph deptt. share of stamps	..	..	..	..	..	..	..	..
7. Total-Receipts	8408531	9478692	10738961	11051711	11704146	11504214	12146237	12516423
8. Working expenses including contributions/appropriations to renewals reserve fund	13082592	15067496	16491822	18667892	21307003	24721408	29823169	27142764
9. Deduct credit to working expenses	2757561	3445942	4834700	5545317	6084788	6623136	10644411	154889
10. Working expenses(Net)	10325031	11621554	11657122	13122575	15222215	18098272	19178758	26987875
11. Net receipts	-1916500	-2142862	-918161	-2070864	-3518069	-6594058	-7032521	-14471452
12. Interest/dividend to general revenues	-	-	-	-	-	-	-	-
13. Net revenue(+)/ Net expenditure(-)	-1916500	-2142862	-918161	-2070864	-3518069	-6594058	-7032521	-14471452

Source: Department of Posts, Ministry of Communications

\* Since the account for 1997-98 has not been finalised, information upto Jan.98 is provided.

**Table 23.7-POST OFFICE CAPITAL ACCOUNT EXPENDITURE**

(Rs.'000)

Expenditures	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98*
1	2	3	4	5	6	7	8	9
During the year	261371	264436	467222	490363	570786	650800	543179	113581
Up to the end of the year(1)	3463552	3727988	4195210	4685573	5256359	5907159	6450338	6563919

Source: Department of Posts, Ministry of Communications

\* Since the account for 1997-98 has not been finalised, information upto January 1998 only has been given.

**Table 23.8-TELEGRAPH LINES AND OFFICES**

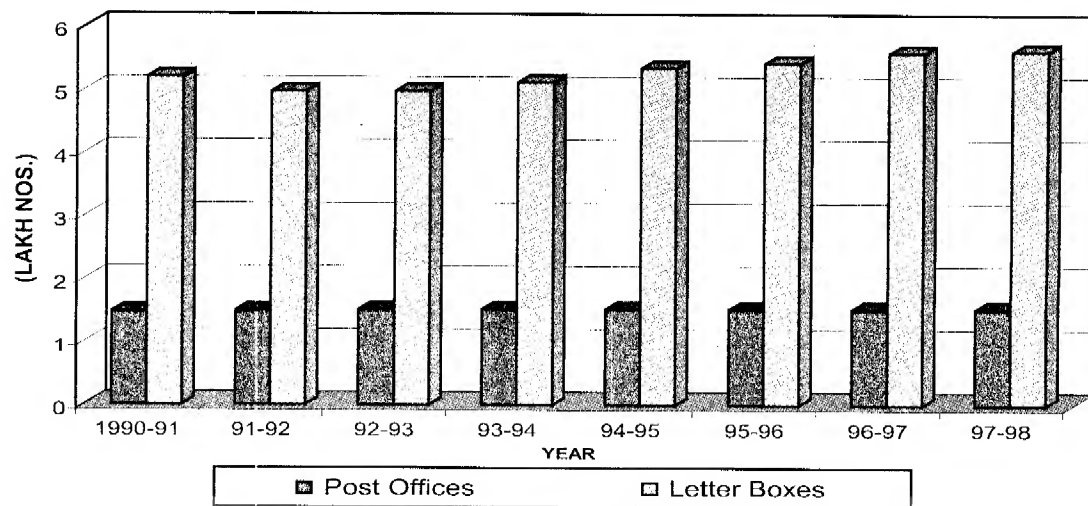
('000 kilometre)

Particulars	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
1. Telegraph lines	558	575	602	516	511	463P	426P
2. Telegraph wire	3782	3752	3794	3139	2876	3056P	2255P
<b>Telephone Lines</b>							
1. Kilometres of line	726	708	718	761	782	917	802
2. Kilometres of wire on line	3410	3254	3794	3139	2876	3056	2255
3. Kilometres of cables	420	479	526	538	528	755	702
4. Kilometres of cable conductors	43889	48872	61518	62533	63134	76535	101317
<b>Telephone Offices (No.)</b>							
A. Number of Exchanges- Departmental	15091	16091	17455	18956	20169	21160	22199
B. Total telephones	6020858	6705598	7712628	8877347	10588430	12892495	15394411
<b>Telegraph Offices (2)</b>							
(A)Offices maintained technically by the Department							
(a) Departmental	818	876	898	907	987	954	950
(b) Combined	39259	41368	42893	44054	40752	43964	43278
(B)Number belonging to licensed systems							
(a) Open for paid traffic							
(i) Railway	1526	817	639	456	549	509P	447
(ii) Canal	386	83	..	-	-	-	-
(b) Open for administrative purposes.							
(i) Railway	1882	836	510	408	467	406P	395
(ii) Canal	796	640	..	-	-	-	-

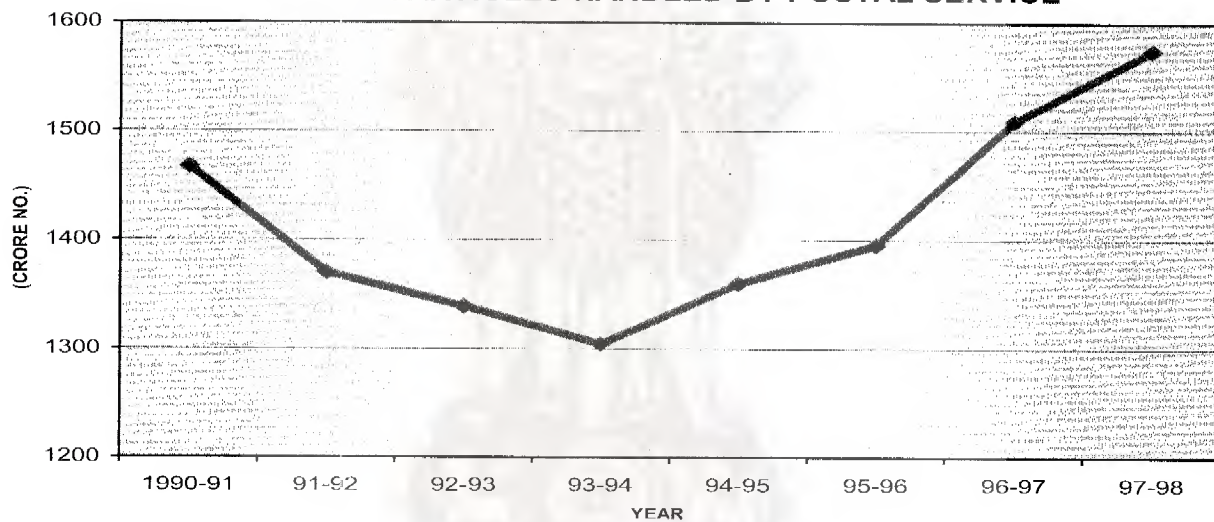
Source: Department of Telecommunications, Ministry of Communications

(2) Data for 1975-76 and onwards are given according to revised categories of telegraph offices.

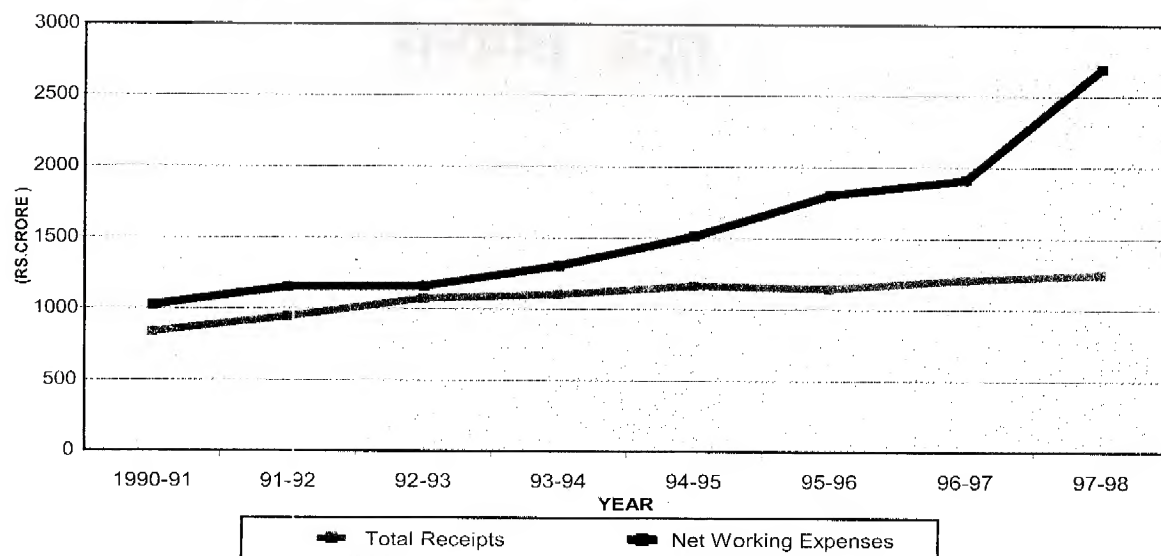
## POST OFFICES AND LETTER BOXES



## POSTAL ARTICLES HANDLED BY POSTAL SERVICE



## RECEIPTS AND EXPENSES OF THE POST OFFICES





**Table 23.9-TELEGRAPH STATISTICS**

(number: '000)

Particulars	1990-91	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7
Total Inland and Foreign Traffic						
State	6789	6629	6317	5860	9759	6958
Private(including Press)	58196	58690	54988	52571	47392	47426
Grand Total	64985	65319	61305	58431	57151	54384
Press messages	521	525	437	352	322	340
Paid Messages						
Inland Traffic						
State	657	6588	6291	5840	9745	6952
Private(including Press)	57341	57997	54265	51865	46828	46931
Grand Total	57998	64585	60556	57705	56573	53883
Foreign Traffic (1)						
State	39	41	26	20	14	16
Private (including Press)	856	693	723	706	564	495
Grand Total	895	734	749	726	578	511

Source: Department of Telecommunications, Ministry of Communications

(1) Excluding Bangladesh, Bhutan, Burma, Nepal, Pakistan and Sri Lanka.

**Table 23.10-CAPITAL REVENUE AND WORKING EXPENSES OF THE  
TELECOMMUNICATIONS DEPARTMENT  
(Including Telephone And Wireless Branch)**

(Rs. '000)

Particular	1990-91	1991-92	1992-93	1993-94	1994-95*	1995-96*	1996-97*
1	2	3	4	5	6	7	8
1. Capital Outlay							
Expenditure for the year	22142245	27875243	39019290	47436057	58158600	72312600	75302200
Expenditure to the end of the year	122886982	150762225	189781515	237217572	295376200	367688800	442991000
2. Revenue	34047948	38745183	47577073	60948736	77991200	97605500	122660900
From messages (telegraph)	814411	778528	668644	716711	716900	751300	660400
Miscellaneous (other telecom)	33233537	37966655	46908429	60232025	77274300	96854200	122000500
Working expenses including contributions/appropriations to Renewals Reserve Funds	20644937	24243765	29190652	41414675	43611200	49248900	67673600
Deduct credits to working expenses	2075440	2797711	3564810	4034454	4976500	6355000	6785500
Working expenses (Net)	18569497	21446054	25625842	37380221	38634700	42893900	60888100
Net receipts	15478451	17299129	21951231	23568515	39356500	54711600	61772800
Dividend to General revenue	2202677	2466110	2571342	2303268	2697600	2791900	2923400
Net revenue(+)/Net expenditure(-)	13275774	14833019	19379889	21265247	36658900	51919700	58849400

Source: Department of Telecommunications, Ministry of Communications

\* Excluding M.T.N.Ls.





## CHAPTER 24

# Labour

**T**his section presents data in respect of employment, wages and earnings, industrial disputes, industrial injuries and labour training.

Attempts have been made to cover statistics regarding employment under the public and private sectors as far as figures are available.

**Table 24.1**

This table relates to all establishments under Central Government, State Governments, Quasi- Government Organisations and Local Bodies. The information is based on the data collected by the Employment Exchanges as part of their programme for collection of Employment Market Information on quarterly basis. The information on the number of persons employed at the end of every quarter is compiled by the Directorate General of Employment & Training through the Employment Market Information (E M I) Programme. The programme provides, inter alia, for collection, of employment data in the organised sector, i.e. the entire public sector and non-agricultural establishments employing 10 or more persons in the private sector. The data from the private sector establishments employing 25 or more persons are collected under the Employment Exchanges (Compulsory Notification of Vacancies) Act, 1959. The rest (employing 10 to 24 workers) are being collected from March, 1966 onwards voluntarily from the employers. The non-response is generally small but employment in such establishments is estimated by the local Employment Officers on the basis of data furnished for previous quarters and included in the overall estimate of employment.





So far as the coverage of data is concerned, figures in respect of the Union Territory of Goa, Daman & Diu are included from March, 1970, Meghalaya from March 1972, Jammu and Kashmir from March 1973 and those for Mizoram from March, 1975 onwards. The 1971 figure for Manipur have been repeated in later years but excluded from March, 1975 to December 1976 due to non-receipt of data. Data in respect of Manipur is again included from March, 1977. Data for Andaman & Nicobar Islands have been included from September, 1985. The figures do not cover Arunachal Pradesh, Lakshadweep, Dadra & Nagar Haveli and Sikkim as the EMI data collection programme has not so far been extended to these States/Union Territories. From 1975, data are based on the National Industrial Classification (NIC)-1970.

**Table 24.2**

This table relates to employment in Railways. As the regrouping of Government Railways was completed on 14th April 1952, zone-wise information regarding employment in Railways is available only from that year. Information regarding employment in Production Units includes Chittaranjan Locomotive Works and Integral Coach Factory from 1955, Diesel Locomotive Works, Dandakarnya- Bolangir-Kiriburu Railway Project from 1961, Railway Electrification Project from 1966, Wheel & Axle Plant from 1979, Diesel Component works from 1987 included earlier under Railway Board and other Railway office from 1980, Rail coach Factory from 1987 onwards. The employment in Ganga Bridge Project, which was shown under Works and Projects (Production Units) prior to 1960-61, is now under Eastern Railway as these projects were merged with Eastern Railway from 1960-61 and the employment in Dandakarnya- Bolangir- Kiriburu Railways Project and Railway Electrification Project which were shown under Works and Projects (Production Units) upto 31-3-1968, is now shown under South Eastern Railway as these projects were merged with the South Eastern Railway with effect from 1-11-1968. Besides, employment data for Railway Board and other Railway Offices including Metropolitan Transport Project (Railways), are also given

in this table. Data for non-Government Railways have been discontinued from 1978, whereas the figures for Railway Protection Special Force personnel were included from 1977 onwards. The employment data include Groups I to IV (permanent and temporary) employees.

**Tables 24.3 to 24.6**

The statistics in these tables relate to factories as defined under the Factories Act, 1948. This Act covers factories employing 10 workers or more with the aid of power, 20 workers or more without the aid of power and factories specially brought under the purview of the Act by the State Governments. The statistics of employment relate to persons employed directly or through any agency, whether for wages or not, in any manufacturing process or in cleaning any part of the machinery or premises used for a manufacturing process or any other kind of work incidental to or connected with the manufacturing process or the subject of manufacturing process. Thus the definition of worker as laid down in the Act does not cover manual workers alone but some clerical and supervisory personnel as well.

The employment figures represent "average daily employment". The figures of average daily employment are furnished by each factory by dividing the total attendance (man-days worked) during a year by the total number of working days during the year. Thus, the measure of employment is based on actual attendance and not on the physical number of persons on roll. In the case of non-responding factories, estimated figures have been given. The reported or estimated figures of average daily employment for all factories belonging to an industry group or a State are summed up to obtain the total average daily employment for an industry group or a State.

Data from 1956 onwards relate to re-organised States and Union Territories and include estimated employment in factories not submitting returns whereas earlier figures relate to factories submitting returns only.

Table 24.3 presents industry-wise figures of employment in Govt. and Local Fund factories and in other factories. As the figures for the years 1971 onwards are being built up for the groups of industries according to NIC 1970, these figures have been given against the group of industries under old classification considered nearest to the new group. Table 24.4 provides Statewise data for total employment in all factories.

Table 24.5 and 24.6 present data regarding employment in factories according to the NIC 1987. Table 24.5 provides all-India figures upto 3 digit-level as per NIC-1987 for the years 1991, 1992 and table 24.6 gives Statewise data according to major groups of industries for the latest available year.

#### **Table 24.7**

Average daily employment in factories according to three broad age-categories and sex is shown in this table. The information relates to only factories submitting returns. The Factories Act, 1948 defines adult, adolescent and child as follows:

- (i) Adult is one who has completed 18 years.
- (ii) Adolescent is one who has completed 15 years but not 18 years.
- (iii) Child is one who has not completed 15 years (children below 14 years are not permitted to work).

#### **Table 24.8**

This table presents estimated average daily employment in "Working Factories" using power. The factories employing 10 or more workers and using power are covered under section 2m(i) of the Factories Act, 1948. The statistics presented in the table relate to factories registered under this section.

#### **Table 24.9**

The table gives information regarding average daily number of workers employed in mines. The mineral-

wise break-up of employment in mines is given for 12 important minerals. The method of computation of average daily number of workers employed is the same as given above for tables 24.3 to 24.6. Under the statutory provisions of Mines Act, 1952 the Director General of Mines Safety collects information regarding number of persons employed in mines and quarries (except those specially exempted by Central Govt.). Upto 1951, the information regarding employment in mines was collected under the Indian Mines Act, 1923 and thereafter it was collected under the Mines Act, 1952. The scope of the Act changes slightly from time to time. For example, by a Notification of March, 1955, a number of hitherto exempted stone, lime-stone and sand excavations were brought under the purview of the Act. The provisions of the Act were extended to the state of Jammu & Kashmir from the 15th August, 1968.

#### **Table 24.10**

This table shows the average daily number of persons employed in tea, coffee and rubber estates. The Directorate of Economics and Statistics, Ministry of Agriculture collects figures of employment from coffee and rubber estates every year through State Governments. The data for employment in tea coffee and rubber plantations are supplied respectively by the Indian Tea Board, Indian Coffee Board and the Indian Rubber Board. All workers in garden and outside are covered. According to instructions laid down, each estate furnishes figures of 'average daily employment' by dividing the total man-days worked during a year by a standard figures of 300 working days. The figures of "average daily employment" for individual estates are added up to obtain the 'average daily employment' for each industry viz., tea, coffee and rubber. In the case of small estates of 20 hectare size and below, the employment is estimated by conducting sample studies.

#### **Table 24.11**

Statistics of employment in respect of shops, commercial establishments and restaurants registered under the

Weekly Holidays Act, 1942 and Shops and Commercial Establishments Act in the various States are given in this table. These Acts are in force only in certain urban areas covering municipal areas, towns and cantonments, and hence the statistics are limited to shops and commercial establishments in such areas. The employment data are compiled by the State authorities either from the annual returns or from the figures furnished by the employers at the time of registration of the unit under the Act. In some cases the figures are collected specially by the Inspectors appointed under the Acts directly from the individual establishments. The number of shops may be more than the number of workers employed therein due to the fact that shops not employing any worker but run independently by the owners themselves are also covered by the Act.

#### **Table 24.12**

The table shows the number of applicants on the live-register of Employment Exchanges. The Employment Exchanges which are under the control of Director General of Employment and Training, Ministry of Labour, register names of the persons seeking employment and help them to secure employment. It gives State wise data by broad occupational groups based on revised National Classification of Occupations, 1968.

#### **Tables 24.13 to 24.15**

These tables present data about wages and earnings of factory workers in India. The data are collected under the Payment of Wages Act, 1936 and relate to factories defined under clause (m) of section 2 of the Factories Act, 1948. Although from 1964 onwards the Act has been extended to smaller factories defined under section 85 of the Factories Act, 1948 also, such establishments had not been taken into account up to the year 1982 on account of incomplete coverage. However, the figures relating to section 85 factories have been included in statistics for the year 1983 onwards. Earnings include basic wages, dearness allowance, over-time payment, other cash allowances including

production or incentive bonus, efficiency bonus, money value of concessions, annual or prepaid bonus and arrears. Prior to 1st April, 1958, the Payment of Wages Act, 1936, was applicable only to employees earning less than Rs. 200 per month. With the enforcement of the Payment of Wages (Amendment) Act, 1957 from 1st April, 1958 the scope of the Act was extended to cover persons earning more than Rs. 200 but less than Rs. 400 per month. Acceptable returns for the revised wage groups were received only from 1961. The information regarding above both the wage groups for the years 1961 to 1964 was published in the 1967 issue of this publication. The Payment of Wages (Amendment) Act, 1976 extends the coverage of the Act to persons earning less than Rs. 1000 per month. In 1982, the applications of the Act was further extended to cover persons earning less than Rs. 1600 per month. Data upto 1975, therefore, relate to persons drawing less than Rs. 400 per month, from 1976 to 1982 relate to persons drawing less than Rs. 1000 per month and from 1983 onwards relate to persons drawing less than Rs. 1600 per month.

The annual returns w.e.f. the year 1971 are being received as per National Industrial Classification, 1970. Thus the data on earnings after 1970 are not strictly comparable with the earlier data. The coverage of the data collected under the Payment of Wages Act, 1936 varies from year to year as returns are not received from all the factories coming under the purview of the Act.

Table 24.13 gives State-wise data regarding total annual earnings of factory workers. Figures in this table exclude information about Railway workshops but include those for Defence installations. Tables 24.14 and 24.15 present data for per capita annual earnings of factory workers respectively by States and by industries. The earnings of workers in the seasonal industries which comprise food, beverages, tobacco, construction are excluded from those presented in these two tables.

#### **Table 24.16**

This table presents wages and earnings of mining labour



in coal and non-coal mines. The data for coal mines relate to average weekly earning of miners and loaders in December each year whereas those for other mines relate to average daily earnings of miners and loaders in December each year. The average weekly cash earnings in coal mines are computed by dividing the total payments during any complete working week in the month of December by the average daily attendance during that week. Upto 1965 the average daily earnings for mines other than coal were computed by dividing the total payment for December by the corresponding aggregate daily attendance. From 1966 onwards these are computed by dividing the earnings in the month of December for a week by six.

**Table 24.17**

This table gives statistics of injuries in factories. Under the Factories Act, 1948, statistics of industrial accidents due to which affected persons are prevented from attending to work for a period of 48 hours or more, immediately following the injury, are required to be reported to the Factory Inspectors. For statistical purposes, the number of injuries is given by the number of persons receiving injuries as a result of an accident and this number is more than the actual number of accidents because one accident may result in injuries to more than one person. The data on injuries presented in the table relate only to factories submitting returns. No estimates of injuries can be made for the defaulting factories. The incidence rate of injuries is calculated by dividing the total number of injuries by the corresponding average daily number of workers employed in the factories submitting returns.

**Table 24.18**

This table shows number of accidents and number of persons receiving injuries in mines. The data are collected under the Mines Act, 1952, which has been recently amended as Mines (Amendment) Act, 1983. Some changes in the definition of serious accident have been brought in. Accidents have been classified into fatal, spot serious and reportable serious. A spot serious

accident is one where one or more persons have received "serious bodily injury", which means "any injury which involves, or in all probability will involve, the permanent loss of any part or section of a body or use of any part or section of a body, or the permanent loss of or injury to the sight or hearing or any permanent in capacity or the fracture of any bone or one or more joints or bones of any phalanges of hand or foot". A reportable serious accident is one where one or more persons have received "reportable injury" which means "any injury other than a serious bodily injury which involves, or in all probability will involve, the enforced absence of the injured person from work for a period of seventy two hours or more". Information on reportable serious accidents are collected on a quarterly basis and complete statistics on the same is not available. The statistics for the year 1984 onwards relates to the amended definition of accidents. Data from 1951 to 1967 cover whole of the Indian Union except Jammu and Kashmir.

**Table 24.19**

The table shows the State wise distribution of number of disputes, workers involved and number of man-days lost on account of industrial disputes resulting in work-stoppages. The data are collected on a voluntary basis by the State authorities and the Regional Labour Commissioners (Central) who furnish consolidated returns to the Labour Bureau. The figures of number of workers involved relate to the maximum number of workers involved on any day during the course of work-stoppage as known upto by the date of reporting. The figures of man-days lost are calculated by adding up actual vacancies caused by the work-stoppage on each working day. Scheduled holidays during the period of work stoppage are not taken into account in the calculation of man-days lost.

**Table 24.20**

This table shows all-India figures of industrial disputes by casues of disputes.

**Table 24.21**

The data included in the table relate to compensated injuries under the Workmen's Compensation Act, 1923 and are based on annual returns received under the Act from State Governments, Posts and Telecommunications Departments and Railway Board for different zonal railways. Under the Act, compensation is payable to workers employed in scheduled employment for injuries due to accident resulting in death or disablement for more than 3 days provided that it is not caused through the fault of the worker himself. As all the injuries are not compensated, the number of compensated injuries do not reflect the total number of injuries occurring. Further many of the establishments covered by the Workmen's Compensation Act fail to submit returns and hence information received by the State Authorities about the number of compensated injuries and the amount of compensation paid is incomplete. In establishments covered by the Employees State Insurance Act, compensation in respect of injuries is paid under that Act and not under the Workmen's Compensation Act. This limitation affects the trend and comparability of the statistics of compensated injuries.

**Table 24.22**

This table presents data on employment in insurance.

The information upto the year 1974-75 was collected by the Central Statistical Organisation, Department of Statistics. From 1975-76 onwards, the information has been furnished by the Ministry of Finance in respect of Life Insurance Corporation and General Insurance Corporation but this excludes four State Insurance funds which account for less than half percent of total employment in the insurance sector.

**Table 24.23**

The table presents data on the number of banks and number of persons employed in the banking sector separately in respect of scheduled and non-scheduled banks and in regional rural banks and in the Reserve Bank of India. Information is collected by the Reserve Bank of India.

**Tables 24.24**

These are two tables which give the number of persons employed in ports in India. The first one gives the staff strength in major, ports and the second one shows the data regarding number of dock workers registered with Dock Labour Board at major ports.

**Table 24.1 - ESTIMATED EMPLOYMENT IN THE PUBLIC AND PRIVATE SECTORS**  
(As on 31st March)

</

Source: Directorate General of Employment and Training, Ministry of Labour

- (1) Includes employment data of the Nationalised Banks.  
 (2) Establishments employing 25 or more persons.  
 (3) Establishments employing 10 -24 persons.

Note: The Employment Market Information Programme, under which data on employment is collected, has not been extended to the states of Arunachal Pradesh, Sikkim and the Union Territories of Dadra & Nagar Haveli and Lakshadweep.



Table 24.2 - EMPLOYMENT IN RAILWAYS

Year	Zones										(No.)	
	Central	Eastern	Northern	North Eastern	North East Frontier	South-ern	South Central	South Eastern	Western	Production Units	Railway Board & Other Railway Offices	Grand total
1	2	3	4	5	6	7	8	9	10	11	12	13
1990-91	227024	228992	244802	107737	84377	146910	128984	204167	209530	53080	19382	1654985
1991-92	225434	229768	246057	105966	88066	150077	127875	203646	206760	54795	18795	1657239
1992-93	220434	229213	252105	104084	85884	149374	127497	202224	203537	55267	19043	1648662
1993-94	218706	224536	248856	102282	84526	145853	126722	202806	200699	54852	18539	1628377
1994-95	217094	219168	245672	99209	82972	142937	126136	202700	196735	54017	18356	1604996
1995-96	216947	214284	244132	97816	81799	140366	125634	203403	193252	53382	18631	1589646
1996-97	219286	211466	249281	95068	81123	139300	126884	201860	190407	53082	19071	1586828

Source: Railway Board, Ministry of Railways

Table 24.3 - FACTORY EMPLOYMENT (1)

('000 No.)

Government and local fund factories									
Year	All factories (Govt. and others)	Total (cols. 4-10)	Texti- les	Printing publi- shing & allied industries(2)	Manufac- ture of machinery (4)	Electrical machinery apparatus, appliances & supplies	Trans- port equip- ment	Elect- ricity, gas and steam	Rest
1	2	3	4	5	6	7	8	9	10
1991	8754	2143	298	88	131	153	182	141	1150
1992	8737	2092	297	89	123	143	173	145	1121
1993(P)	9095	2162	288	97	133	137	183	146	1178
1994(P)	9126	2086	274	87	126	134	174	144	1145

Other factories										
Year	Total (cols. 12-20)	Food except beve- rages	Tobacco (3)	Texti- les	Chemicals and chemical products	Non- metallic mineral products	Basic metal indus- tries	Manufac- ture of machine- ry (4)	Trans- port equip- ment	Rest
1	11	12	13	14	15	16	17	18	19	20
1991	6611	1047	135	1555	508	566	446	397	309	1620
1992	6645	1044	122	1586	520	566	456	401	306	1644
1993(P)	6933	1097	131	1664	552	608	470	416	308	1687
1994(P)	7039	1122	129	1677	556	614	470	419	312	1740

Source: Labour Bureau, Ministry of Labour

- (1) The figures relate to estimated average daily number of workers employed and are based on National Industrial Classification, 1970.  
 (2) Include paper and paper products.  
 (3) Include beverages, gins and presses.  
 (4) Except electrical machinery.

Table 24.3 - FACTORY EMPLOYMENT (1) -Concl'd.

('000 No.)

Year	All factories (Govt. and others)	Government and local fund factories							
		Total (cols. 4-10)	Textiles	Printing publishing & allied industries(2)	Manufacture of machinery (4)	Electrical machinery apparatus, appliances & supplies	Transport equipment	Electricity, gas and steam	Rest
1	2	3	4	5	6	7	8	9	10
1991	8754	2143	298	88	131	153	182	141	1150
1992	8737	2092	297	89	123	143	173	145	1121
1993(P)	9095	2162	288	97	133	137	183	146	1178
1994(P)	9126	2086	274	87	126	134	174	144	1145

Year	Other factories									
	Total (cols. 12-20)	Food except beverages	Tobacco (3)	Textiles	Chemicals and chemical products	Non-metallic mineral products	Basic metal industries	Manufacture of machinery (4)	Transport equipment	Rest
1	11	12	13	14	15	16	17	18	19	20
1991	6611	1047	135	1555	508	566	446	397	309	1620
1992	6645	1044	122	1586	520	566	456	401	306	1644
1993(P)	6933	1097	131	1664	552	608	470	416	308	1687
1994(P)	7039	1122	129	1677	556	614	470	419	312	1740

Source: Labour Bureau, Ministry of Labour

- (1) The figures relate to estimated average daily number of workers employed and are based on National Industrial Classification, 1970.  
 (2) Include paper and paper products.  
 (3) Include beverages, gins and presses.  
 (4) Except electrical machinery.

Table 24.4 - FACTORY EMPLOYMENT BY STATES(1)

(Employment in '000 No.)

States/ Union Territories	1991	1992	1993	1994
1	2	3	4	5
<b>All India</b>	8754 (207758)	8737 (209625)	9095 (221882)	9126 (227130)
<b>State:</b>				
Andhra Pradesh	686 (23020)	638 (22279)	655 (23986)	647 (24186)
Assam	112 (1734)	112 (1666)	110 (1646)	106 (1652)
Bihar	483 (42580)#	483 (42580)#	523 (45765)	523 (45765)#
Goa, Daman & Diu	21 (262)	21 (272)	21 (272)	21 (286)
Gujarat	761 (14663)	788 (15451)	796 (15062)	813 (16812)
Haryana	255 (5367)	254 (5556)	258 (5355)	258 (5355)
Himachal Pradesh	52 (1248)	54 (1324)	56 (1349)	60 (1386)
Jammu & Kashmir	27 (651)#	27 (651)#	27 (651)#	27 (651)#
Karnataka	795 (8168)	742 (7842)	765 (8098)	689 (8724)
Kerala	283 (12038)#	283 (12038)#	391 (15142)	391 (15142)#
Madhya Pradesh	524 (9700)	536 (9763)	556 (9790)	558 (10189)
Maharashtra	1225 (24200)	1222 (24631)	1268 (26184)	1283 (26072)
Manipur	5 (500)	5 (459)	5 (459)#	5 (459)#
Meghalaya	3 (55)	2 (52)	2 (52)	2 (53)
Orissa	142 (1911)	138 (1837)	141 (1897)	140 (1853)
Punjab	386 (11708)	397 (12107)	405 (12340)	420 (12612)
Rajasthan	267 (10802)	277 (11340)	303 (12585)	330 (13406)
Tamil Nadu	921 (15909)	947 (16400)	991 (17471)	1026 (18475)
Tripura	35 (982)	36 (1092)	35 (1127)	32 (1136)
Uttar Pradesh	571 (6356)#	571 (6356)#	571 (6356)#	571 (6356)#
West Bengal	906 (8981)#	906 (8981)#	906 (8981)#	906 (8981)#
<b>Union Territories:</b>				
A. & N. Islands	5 (45)	5 (45)#	5 (45)#	5 (45)#
Chandigarh	16 (456)	16 (456)#	17 (541)#	18 (536)
D. & N. Haveli	2 (50)#	2 (50)#	2 (50)#	2 (50)#
Delhi	249 (5178)	249 (5178)#	259 (5498)	261 (5774)
Pondicherry	23 (1144)	24 (1219)	27 (1180)	29 (1174)

Source: Labour Bureau, Ministry of Labour

(1) The figures relate to estimated average daily number of workers employed.

# Estimated due to non-receipt of returns.

Notes:

1. Figures in brackets represent number of working factories.
2. Totals may not tally due to rounding off of figures.



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>00 Agricultural Production</b>	852 (26)	393 (10)	886 (25)	296 (7)
000 Cereal crops (paddy,wheat,jowar, bajra,maize,ragi,barley gram etc.)	-	-	-	-
002 Raw cotton	-	-	-	-
004 Sann hemp and other kinds of fibres	-	-	-	23 (1)
005 Production of oil seeds such as sesamum,groundnut,rape,mustard etc.	-	-	30 (1)	-
006 Sugarcane	40 (1)	61 (3)	71 (2)	8 (1)
007 Roots and tubers,vegetables,pan,sin- ghara,spices(other than peppers and cardamom flowers and parts of plants.	-	-	-	-
008 Agricultural production n.e.c	110 (3)	151 (3)	166 (3)	174 (3)
<b>01 Plantations</b>	125 (5)	125 (5)	125 (5)	-
010 Tea	125 (5)	125 (5)	125 (5)	-
019 Crop of Plantations n.e.c, (e.g. betul, nuts etc.)	-	-	-	-
<b>02 Livestock Production</b>	63 (4)	46 (3)	66 (4)	14 (1)
020 Cattle and goat-breeding,rearing, etc. and production of milk	46 (3)	46 (3)	46 (3)	-
026 Rearing of silk-worms and production of cocoons and raw silk	-	-	-	-
029 Rearing of livestock and production of live stock products n.e.c.	-	-	-	-
<b>03 Agricultural Services</b>	1824 (30)	2252 (34)	2344 (38)	2393 (45)
033 Grading agricultural and livestock products	1219 (22)	1643 (26)	1282 (25)	1210 (24)
034 Horticulture and nursery services	-	-	30 (1)	52 (1)
035 Soil conservation	-	-	-	-
036 Scientific services like soil testing	-	-	-	-
039 Agricultural services n.e.c.(like land clearing & draining etc.)	605 (8)	609 (8)	1032 (12)	1111 (19)
<b>05 Forestry and Logging</b>	23 (1)	24 (2)	27 (2)	31 (2)
050 Planting,replanting and conser- vation of forests	-	-	-	-
051 Logging, felling and cutting of trees and preparation of rough round howr or river logs (including incidental hauling)	-	-	-	-
052 Production of fuel(including charcoal by burning by exploitation of forests	23 (1)	20 (1)	23 (1)	27 (1)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
054 Gathering of un-cultivated material such as gums, resins, lac barks, herbs, wild fruits and leaves by exploitation of forests.	-	4 (1)	4 (1)	4 (1)
059 Other forest products n.e.c such as munjh				
<b>06 Fishing</b>	100 (1)	99 (1)	99 (1)	139 (2)
063 Collection of pearls, shells, sponges and other sea products	-	-	-	40 (1)
069 Fishing and allied activities n.e.c.	-	-	-	-
<b>12 Metal Ore Mining</b>	14 (1)	-	30 (1)	59 (3)
124 Gold and silver ores	-	-	-	-
129 Metal ores, n.e.c.	-	-	-	-
<b>19 Other Mining</b>	291 (11)	57 (6)	24 (2)	-
190 Stone quarrying clay and sand pits	205 (2)	-	-	-
191 Chemicals, fertilizer and mineral mining (soda ash, sulphur, phosphates, nitrates etc.)	-	-	-	-
192 Salt mining and quarrying including crushing, screening and evaporating in pans	-	-	-	-
193 Precious and semiprecious stones	-	-	-	-
194 Mica	-	-	-	-
199 Other mining n.e.c. (asbestos, quartz, talc soap and stone, natural abrasives other than sand, graphite, etc.)	86 (9)	57 (6)	24 (2)	-
<b>20-21 Manufacture of Food products</b>	1221927 (58692)	1223987 (59217)	1292708 (61455)	1305188 (62107)
200 Slaughtering, preparation and preservation of meat	8169 (161)	8760 (157)	11370 (191)	11103 (208)
201 Dairy products	62507 (704)	66655 (765)	63362 (867)	61901 (876)
202 Canning and preservation of fruits and vegetables	18193 (322)	18444 (327)	19055 (370)	23688 (419)
203 Canning, preserving & processing of fish, crustacean and similar foods	9599 (246)	9804 (248)	12714 (285)	13421 (300)
204 Grain mill products	295195 (40003)	290716 (39966)	290569 (41373)	300541 (41649)
205 Bakery products	40284 (1040)	38027 (1049)	39633 (1118)	38967 (1118)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
206 Manufacture and refining of sugar (vacuum pan sugar factories)	196184 (361)	210383 (362)	208282 (359)	197935 (374)
207 Production of indigenous sugar,boora,khandsari, gur etc. from sugar-cane and palm juice	103971 (1605)	96011 (1569)	95266 (1543)	96494 (1524)
208 Production of common salt	20075 (356)	19604 (378)	16882 (387)	18285 (407)
209 Cocoa,chocolate and sugar confectionery(including sweetmeats)	8282 (199)	8908 (197)	9329 (203)	8384 (203)
210 Hydrogenated oils, vanaspati ghee, etc.	12092 (106)	12200 (102)	12441 (106)	11842 (103)
211 Other edible oils and fats, e.g.,mustard oil,groundnut oil, til oil etc.,	121737 (8834)	123790 (9184)	128331 (9376)	130432 (9433)
212 Tea processing	786 (24)	1789 (42)	2017 (44)	1792 (40)
213 Coffee curing, roasting & grinding	109576 (1190)	108724 (1186)	106962 (1195)	102907 (1206)
214 Cashewnut processing like drying, shelling, roasting, salting etc.	13328 (122)	11280 (111)	10684 (97)	9151 (101)
215 Ice	144497 (732)	142258 (800)	206989 (1048)	215363 (1122)
216 Prepared animal feeds	9642 (1155)	9163 (1193)	10820 (1330)	15045 (1411)
217 Starch	11352 (456)	10989 (458)	11271 (482)	11571 (528)
219 Food products n.e.c.	29674 (958)	29926 (995)	30492 (980)	30690 (994)
<b>22 Manufacture of Beverages, Tobacco and Tobacco Products</b>	<b>139365 (1651)</b>	<b>125878 (1546)</b>	<b>134537 (1730)</b>	<b>132430 (1810)</b>
220 Distilling, rectifying and blending of spirits	14630 (127)	15099 (124)	14899 (133)	15051 (133)
221 Wine industries	3866 (47)	4419 (48)	5304 (54)	5050 (56)
222 Malt liquors and malt	10177 (79)	10508 (86)	10607 (96)	12095 (111)
223 Production of country liquor and toddy	3933 (58)	3966 (59)	3763 (55)	3959 (60)
224 Soft drinks and carbonated water industries	15128 (378)	13207 (367)	14289 (333)	14155 (334)
225 Tobacco stemming redrying and all other operations, connected with preparing raw leaf tobacco for manufacture	62100 (400)	48260 (338)	55183 (441)	52847 (491)
226 Bidi	695 (5)	445 (4)	398 (5)	398 (5)
227 Cigars, cigarettes and cigarette tobacco	11649 (30)	12724 (35)	11981 (43)	12316 (46)
228 Chewing tobacco, zarda and snuff	15610 (499)	14731 (455)	16097 (534)	14481 (537)



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
229 Tobacco and tobacco products, n.e.c.	1577 (28)	2519 (30)	2016 (36)	2078 (37)
<b>23 Manufacture of Cotton Textiles</b>	1074574 (12589)	1075177 (12849)	1069634 (13048)	1056775 (13512)
230 Cotton ginning, cleaning and bailing	174409 (3750)	177132 (3841)	177387 (3847)	172297 (3977)
231 Cotton spinning, weaving, shrinking, sanforizing, mercerising and finishing of cotton textiles in mills	94237 (265)	41188 (224)	45754 (214)	44215 (184)
232 Printing, dyeing and bleaching of cotton textiles	4943 (110)	5501 (119)	6325 (128)	5030 (121)
233 Cotton spinning other than in mills (charkha)	13081 (484)	13680 (489)	17692 (475)	15235 (473)
234 Production of khadi	51805 (3979)	60148 (3872)	61862 (3854)	60450 (3908)
235 Weaving and finishing of cotton textiles in handlooms other than khadi	676148 (2389)	713718 (2586)	699100 (2718)	691404 (2872)
236 Weaving and finishing of cotton textiles in powerlooms	60751 (1612)	63810 (1718)	61514 (1812)	68145 (1977)
239 Cotton textiles n.e.c.				
<b>24 Manufacture of Wool, Silk and Synthetic Fibre Textiles</b>	253042 (4291)	273536 (4523)	275919 (4432)	283687 (4846)
240 Wool cleaning, bailing and pressing	12878 (360)	16534 (448)	14991 (467)	14601 (569)
241 Wool spinning, weaving and finishing in mills	17318 (295)	17254 (294)	17902 (302)	17498 (304)
242 Wool spinning and weaving (other than in mills)	26071 (257)	26368 (263)	28332 (268)	28642 (345)
243 Dyeing and bleaching of woollen textiles	3157 (84)	3249 (83)	3650 (89)	4126 (92)
244 Manufacture of wool n.e.c.,	5323 (245)	4619 (220)	5497 (241)	5480 (247)
245 Spinning, weaving and finishing of silk textiles	19214 (434)	21145 (445)	21252 (438)	18430 (420)
246 Printing, dyeing and bleaching of silk textiles	4036 (82)	4107 (79)	4846 (90)	5239 (96)
247 Spinning, weaving and finishing of other textiles-synthetic fibres, rayons, nylons, etc.	127736 (2052)	129328 (2090)	132666 (2010)	139316 (2209)
248 Printing, dyeing and bleaching of synthetic textiles	37309 (482)	50932 (601)	46783 (527)	50335 (564)
249 Silk and synthetic fibre textiles n.e.c.	-	-	-	
<b>25 Manufacture of Jute, Hemp and Mesta Textiles</b>	261517 (563)	261768 (575)	262118 (608)	258897 (610)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
250 Jute and mesta pressing and baling	6474 (267)	6753 (269)	6926 (276)	5741 (271)
251 Jute and mesta spinning and weaving	415 (5)	650 (7)	873 (11)	741 (11)
252 Dyeing, printing and bleaching of jute textiles	898 (63)	859 (74)	1240 (91)	1973 (101)
253 Preparing, spinning, weaving and finishing of hemp and other coarse fibres	145 (8)	147 (8)	192 (8)	80 (7)
259 Manufacture of jute bags and other jute textiles n.e.c.	724 (32)	673 (34)	944 (27)	830 (28)
<b>26 Manufacture of Textile Products (incl. Wearing apparel other than footwear)</b>	<b>264561 (5352)</b>	<b>273327 (5633)</b>	<b>344423 (6496)</b>	<b>352358 (7215)</b>
260 Knitting mills	37539 (1325)	38838 (1412)	45143 (1579)	41714 (1787)
261 Threads-all types (cordage, ropes, twines, nets etc.)	25564 (402)	23298 (416)	23103 (513)	22147 (502)
262 Embroidery and making of crepes, laces and fringes	3050 (143)	3423 (147)	3426 (113)	3825 (122)
263 Weaving carpets, rugs & other similar textile products	15544 (460)	15534 (470)	14216 (364)	14722 (374)
264 All types of textiles, garments, incl. wearing apparel	5030 (188)	5892 (205)	7541 (200)	9168 (252)
265 Raincoats, hats, etc.	158482 (2420)	166119 (2563)	226430 (3227)	238173 (3669)
266 Made up textiles goods (except garments) such as curtains, mosquito nets, etc.	807 (17)	713 (14)	515 (29)	552 (27)
267 Water proof textiles such as oil cloth, tarpaulin etc.	7171 (174)	7517 (185)	8757 (196)	8748 (209)
268 Coir and coir products	4058 (59)	4115 (59)	4752 (67)	4617 (68)
269 Textiles n.e.c. like linoleum padding, wadding, upholstery, filling etc.,	7316 (164)	7878 (162)	10540 (208)	8692 (205)
<b>27 Manufacture of Wood &amp; Wood Products, Furniture and Fixures</b>	<b>188899 (24106)</b>	<b>173690 (22641)</b>	<b>184231 (23942)</b>	<b>196486 (24238)</b>
270 Veneer, Plywood and their products	97280 (20108)	93236 (19063)	93618 (19707)	105783 (19891)
271 Sawing and planing of wood (other than plywood)	42770 (1542)	41010 (1161)	45415 (1556)	45661 (1705)
272 Wooden and cane boxes, crates, drums, barrels, wooden containers, baskets and other wares made entirely or mainly of cane, rattan, reed, bamboo and willow	6535 (276)	6525 (283)	6535 (304)	6483 (318)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
273 Structural wooden goods (incl. treated timber) such as beams, posts, doors and windows (excl. hewing and rough shaping of poles, bolts & other wood material classified under logging)	10867 (831)	10585 (793)	12304 (887)	11659 (877)
274 Wooden industrial goods such as bobbins, blocks, handles, saddling and similar equipment & fixtures	5765 (367)	4987 (361)	6414 (478)	7488 (437)
275 Coir and coir products	578 (19)	619 (25)	575 (20)	565 (21)
276 Wooden furniture and fixtures	11406 (723)	11391 (723)	12642 (739)	12622 (743)
277 Bamboo and cane furniture & fixtures	764 (17)	755 (19)	650 (29)	936 (26)
279 Wood, bamboo and cane products n.e.c.	12934 (223)	4582 (213)	6078 (222)	5289 (220)
<b>28 Manufacture of Paper and Paper Products and Printing, publishing &amp; allied industries</b>	313114 (8617)	325799 (8790)	335231 (9195)	329532 (9317)
280 Pulp, paper and paper board including news prints	104605 (1003)	112365 (1027)	109623 (1043)	109663 (1101)
281 Container and boxes of paper and paper board	24732 (1014)	26516 (1098)	28750 (1216)	28190 (1257)
282 Pulp products n.e.c. like dolls	7864 (225)	8717 (240)	8649 (249)	7706 (267)
283 Paper and paper board articles n.e.c.	3421 (129)	3614 (142)	3629 (123)	4196 (127)
284 Printing and publishing of newspapers	22933 (320)	22764 (311)	22346 (316)	22146 (311)
285 Printing and publishing of periodicals, books, journals, atlases, maps and sheet music, directories	62155 (2011)	67717 (2016)	62158 (1243)	62354 (1334)
286 Printing of bank notes, currency notes, postage stamps, security passes etc.	11917 (12)	12026 (11)	11620 (10)	11300 (6)
287 Engraving, etching, blockmaking etc.	1923 (101)	1751 (97)	1706 (92)	1693 (96)
288 Book binding	3188 (245)	3447 (263)	3897 (250)	4214 (240)
289 Printing, publishing and allied activities n.e.c. like envelope printing, picture postcard printing, embossing etc.	70376 (3557)	66882 (3585)	82853 (4653)	78070 (4578)
<b>29 Manufacture of Leather and Leather and Fur products (except repairs)</b>	109203 (1852)	108606 (1903)	113734 (1980)	119932 (2190)
290 Tanning, currying, finishing, embossing & japanning of leather	39935 (1004)	41181 (1018)	41213 (1059)	43521 (1175)
291 Footwear (excl. repair) except vulcanized or moulded rubber or plastic footwear.	40717 (433)	39351 (441)	41123 (446)	43166 (490)



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
292 Wearing apparel like coats gloves, etc. of leather and substitutes leather	11348 (178)	11144 (211)	14320 (226)	14065 (246)
293 Leather consumer goods other than apparel & footwear	9256 (165)	9243 (178)	8751 (179)	10058 (193)
294 Scraping,currying,tanning, bleaching and dyeing of fur and other felts	251 (4)	250 (4)	132 (5)	196 (3)
295 Wearing apparel of fur pelts	22 (2)	88 (1)		-
296 Fur and skin rugs and other articles	21 (1)		62 (4)	45 (3)
299 Leather and fur products n.e.c.	7653 (65)	7349 (50)	8133 (61)	8881 (80)
<b>30 Manufacture of Rubber,Plastic, Petroleum and Coal Products</b>	617290 (9565)	631539 (9895)	678224 (11224)	681487 (11821)
300 Tyre and tube industries	104802 (1660)	103589 (1701)	118539 (1930)	108045 (2049)
301 Footwear made primarily of vulcanized or moulded rubber and plastic	76522 (756)	80930 (770)	81609 (803)	84617 (845)
302 Rubber products n.e.c.	23321 (379)	27251 (429)	27575 (515)	29661 (529)
303 Plastic products n.e.c. (except house furnishing)	45762 (1416)	46884 (1436)	49287 (1639)	55279 (1789)
304 Petroleum refineries	119054 (2093)	132657 (2179)	144010 (2425)	143004 (2486)
305 Products of petroleum n.e.c.	59031 (1245)	58409 (1243)	64750 (1309)	63423 (1350)
306 Production of coaltar in coke ovens	18656 (61)	18743 (78)	20145 (77)	23290 (82)
307 Coal and coaltar products n.e.c.	57798 (626)	54814 (697)	60170 (973)	59457 (1104)
<b>31 Manufacture of Chemicals and Chemical Products (except Petroleum &amp; Coal)</b>	306871 (8402)	305899 (8664)	333896 (9748)	338815 (9978)
310 Basic industrial organic and inorganic chemicals and gases such as acids,alkalies and their salts,gases like acetelene, oxygen,nitrogen, etc.	64757 (1295)	70469 (1388)	73301 (1383)	69426 (1405)
311 Fertilizers and pesticides	23823 (732)	22626 (747)	25385 (826)	26374 (860)
312 Paints,varnishes and lacquers	51167 (1797)	51811 (1811)	58128 (2117)	57918 (2139)
313 Drugs and medicines	86033 (3480)	85092 (3577)	99177 (4096)	97609 (4229)
314 Perfumes,cosmetics,lotions, hair dressings,tooth pastes, soap in any form,synthetic detergents shampoos,shaving products,cleansers,washing and scouring products and other toilet preparations	22633 (154)	24044 (178)	22396 (235)	28595 (249)
315 Inedible oils	5675 (44)	4549 (58)	4364 (73)	3823 (72)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
316 Turpentine, synthetic resins, plastic materials and synthetic fibres like nylon, terylene except glass	13877 (156)	11166 (159)	11938 (188)	11784 (196)
317 Matches	1074 (17)	220 (9)	205 (9)	217 (9)
318 Explosives and ammunitions, fire works	6290 (63)	5301 (63)	5923 (77)	5566 (82)
319 Chemical products n.e.c. (including photo chemical, sensitised films and paper)	31184 (639)	30621 (674)	33079 (744)	37503 (737)
<b>32 Manufacture of Non-Metallic Mineral Products</b>	614256 (14198)	615300 (14871)	657290 (16723)	661735 (17065)
320 Structural clay products	241167 (5240)	247279 (5391)	267978 (6210)	269785 (6380)
321 Glass and glass products	70375 (750)	71113 (767)	77147 (818)	74115 (814)
322 Earthenware and earthen pottery	3594 (77)	3943 (93)	3067 (80)	2817 (83)
323 Chinaware and porcelainware	32491 (462)	30807 (484)	29567 (512)	31902 (533)
324 Cement, lime and plaster	117439 (778)	112732 (796)	117205 (856)	113772 (884)
325 Mica products	12119 (151)	11994 (150)	11736 (162)	11477 (159)
326 Structural stone goods, stonedressing, stone crushing and stonewares	57385 (4620)	61024 (5055)	72311 (5821)	78928 (5916)
327 Earthen and plaster statues and other products	14934 (225)	14441 (242)	15990 (263)	14578 (258)
328 Asbestos cement and other cement products				
329 Miscellaneous non-metallic mineral products such as slate products, abrasives, graphite products, mineral wool, silica products and other non-metallic mineral products n.e.c.	64752 (1895)	61967 (1893)	62289 (2001)	64361 (2038)
<b>33 Basic Metal and Alloys Industries</b>	691947 (8620)	662913 (8675)	684463 (9030)	680230 (9222)
330 Iron and steel industries	262410 (1012)	221350 (961)	236852 (1040)	231003 (1013)
331 Foundries for casting and forging iron and steel	206299 (3613)	204100 (3639)	216200 (3649)	212758 (3775)
332 Manufacture of ferro-alloys	31463 (282)	32768 (309)	29547 (305)	30470 (308)
333 Copper manufacturing	12494 (289)	13884 (319)	14696 (341)	14717 (350)
334 Brass manufacturing	9347 (258)	9767 (266)	9049 (258)	9059 (253)
335 Aluminium manufacturing	37470 (740)	45839 (761)	39649 (830)	37778 (841)
336 Zinc manufacturing	4052 (67)	6703 (69)	6215 (69)	6257 (70)
339 Other non-ferrous metal industries	18375 (422)	19066 (427)	18489 (474)	18585 (477)
<b>34 Manufacture of Metal Products and Parts except Machinery and Transport Equipment</b>	362942 (13252)	363897 (13307)	366637 (14668)	375242 (14810)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
340 Fabricated metal products such as metal cans from tinplate, or enamelled sheet metal, metal shipping containers, barrels, drums, pegs, nails, safes, vaults, enamelled sanitary and all other fabricated metal products n.e.c.	44187 (1482)	43217 (1521)	47639 (1881)	54952 (1908)
341 Structural metal products	113913 (4035)	115959 (4017)	113171 (4117)	116176 (4132)
342 Furniture and fixtures primarily of metal	12306 (710)	12405 (715)	11724 (753)	10480 (711)
343 hand tools and general hardware	72335 (2413)	71735 (2400)	67935 (2469)	69955 (2549)
344 Enamelling, japanning, lacquering, galvanising, plating and polishing of metal products	23828 (567)	25570 (595)	29670 (604)	29146 (604)
345 Metal utensils, cutlery and kitchenwares	33367 (1562)	32710 (1572)	34324 (2184)	33875 (2234)
349 Metal products except machinery and transport equipment n.e.c., like type founding	28949 (784)	28573 (788)	31450 (914)	28846 (942)
<b>35 Manufacture of Machinery, Machine Tools and Parts except electrical Machinery</b>	556789 (11223)	524383 (11299)	522286 (11038)	512558 (11170)
350 Agricultural machinery, equipments and parts	50079 (1502)	49686 (1523)	49286 (1515)	49592 (1524)
351 Drills, coal cutting machines earth moving, cranes, conveyors and roads rollers and other heavy machinery equipment used in construction & mining industries	35385 (299)	36291 (317)	35855 (322)	37223 (309)
352 Prime mover, boilers and steam generating plants diesel engines and parts	61605 (686)	53901 (690)	55214 (669)	52871 (744)
353 Industrial machinery for food and textile industries	63315 (1266)	59840 (1205)	58008 (1224)	56331 (1199)
354 Industrial machinery for other than food and textile industries	32690 (793)	32067 (786)	34098 (849)	31953 (833)
355 Refrigerators, air conditioners and fire fighting equipment and other parts, components and accessories n.e.c.	17735 (225)	16750 (226)	15745 (264)	16215 (273)
356 Alteration and repairs of general items of non-electrical machinery, components, equipment and accessories n.e.c.	75907 (2071)	77758 (2113)	77605 (2208)	75171 (2254)



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
357 Machine tools, their parts and accessories	73614 (923)	51680 (971)	51741 (973)	49035 (1010)
358 Office computing and accounting machinery and parts	6347 (127)	6528 (150)	7526 (156)	7687 (152)
359 Non-electrical machinery, equipment n.e.c. (like sewing machines, laundry machines, cooking ranges, ovens, armament, etc.	140112 (3331)	139882 (3318)	137208 (2858)	136480 (2872)
<b>36 Manufacture of Electrical Machinery, Apparatus, Appliance and Supplies and Parts</b>	436646 (5959)	453802 (5991)	460406 (6341)	456612 (6443)
360 Electrical industrial machinery and parts (electrical motor, generators, transformers, etc.	125393 (1719)	131039 (1726)	1324123 (1846)	128546 (1858)
361 Insulated wires and cables	43962 (474)	48733 (511)	47439 (530)	49469 (555)
362 Dry and wet batteries	18152 (289)	16499 (278)	15857 (285)	20864 (318)
363 Electrical appliances etc., lamps, bulbs, tubes, sockets, switches, fans, non-porcelain insulators, conductors, irons, heaters, shavers, etc.	33229 (653)	40215 (651)	38184 (676)	35684 (703)
364 Radio and television taperecorders, gramophone record pre-tapes/cassettes telephone, etc.	28023 (607)	35360 (629)	34922 (658)	35582 (659)
365 repair of radiographic X-ray apparatus and tubes etc.	64159 (329)	59757 (323)	58891 (310)	55820 (318)
366 Electronic computers control instruments, etc.	35962 (492)	34812 (466)	53158 (628)	51199 (565)
367 Electronic computers and accessories n.e.c.	11080 (240)	9934 (216)	11246 (246)	10816 (227)
369 Electrical machinery, apparatus, appliances, supplies and parts n.e.c.	38190 (618)	38298 (614)	21873 (537)	23597 (576)
<b>37 Manufacture of Transport Equipment and Parts</b>	491195 (3493)	478988 (3511)	490702 (3760)	485917 (3889)
370 Ship building and repairing.	45211 (187)	43950 (179)	43321 (194)	40499 (190)
371 Locomotive and parts	37206 (46)	36466 (44)	34338 (51)	36025 (52)
372 Railway wagon, coaches & parts	75886 (124)	81468 (134)	85261 (137)	85004 (139)
373 Other rail road equipment	53257 (183)	49900 (185)	58846 (311)	64162 (388)
374 Motor vehicles and parts	112251 (1037)	115873 (1039)	109883 (1056)	104887 (1078)
375 Motor-cycles and scooters & parts	69107 (600)	65938 (583)	62690 (625)	67077 (631)
376 Bicycles and cycle rickshaws and parts	44212 (927)	42890 (929)	45091 (948)	45211 (950)
377 Aircrafts and its parts	36319 (15)	22034 (20)	26053 (29)	16933 (24)
378 Bullock-carts, push carts, hand-carts etc.	499 (8)	3018 (8)	193 (8)	513 (8)
379 Transport equipment & parts n.e.c.	17247 (366)	17451 (390)	25026 (401)	25606 (429)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>38 Other Manufacturing Industries</b>	121636 (2358)	120152 (2535)	122947 (2326)	123485 (2454)
380 Medical, surgical and scientific equipments	32069 (541)	27490 (539)	28906 (528)	29065 (542)
381 Photographic and optical goods (excluding photo-chemicals, sensitised paper and film)	7079 (157)	7794 (157)	8121 (165)	7551 (168)
382 Watches and clocks	21847 (238)	21367 (222)	22434 (220)	21903 (226)
383 Jewellery and related articles	17148 (362)	21411 (606)	18525 (372)	22769 (480)
384 Minting of coins	4540 (4)	7649 (4)	9495 (4)	7295 (4)
385 Sports and athletic goods and and games equipments	3738 (90)	3701 (91)	3763 (92)	1883 (65)
386 Musical instruments	1229 (15)	967 (12)	956 (11)	1322 (14)
387 Stationery articles like fountain pens, pencils, pens, pin cushions, tags etc. n.e.c.	10213 (349)	9935 (324)	10525 (357)	10818 (359)
389 Miscellaneous products n.e.c. (costume jewellery, costume novelties, feathers, plumes, artificial flowers, brushes, lamp shades, tobacco pipes, cigarette holders, ivory goods, badges, wigs and similar articles)	23679 (600)	19393 (558)	20125 (575)	20733 (591)
<b>40 Electricity</b>	148662 (1426)	155265 (1429)	157844 (1499)	155369 (1519)
400 Generation and transmitting of electric energy	129271 (696)	135509 (693)	135040 (698)	124765 (717)
401 Distribution of electric energy to household, industrial, commercial and other users	19391 (730)	19756 (736)	22804 (801)	30604 (802)
<b>41 Gas and Steam</b>	10987 (177)	10564 (180)	11649 (189)	11040 (194)
410 Gas in gas works and distribution through mains to households, industrial and commercial and other users	10987 (177)	10564 (180)	11649 (189)	11040 (194)
<b>42 Water Works and Supply</b>	13934 (494)	14887 (523)	16991 (550)	17288 (583)
420 Water supply i.e. collection, purification and distribution of water	13934 (494)	14887 (523)	16991 (550)	17288 (583)
<b>50 Construction</b>	840 (9)	797 (9)	785 (9)	802 (9)
500 Buildings and Maintenance (including aerodromes)	225 (4)	188 (4)	159 (3)	187 (4)
501 Roads railways, bridges, tunnels, pipe lines, ports, harbours, runways, etc.	575 (3)	575 (3)	575 (3)	575 (3)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
503 Water ways and water reservoirs such as bunds, embankments, dams, canals, tanks, wells, tube wells, etc.	-	-	-	-
504 Hydro electric projects	20 (1)	20 (1)	20 (1)	20 (1)
505 Industrial plants including thermal plants	20 (1)	14 (1)	20 (1)	20 (1)
509 Construction n.e.c.	-	-	11 (1)	-
<b>51 Activities Allied to Construction</b>	<b>775 (12)</b>	<b>232 (6)</b>	<b>208 (6)</b>	<b>252 (8)</b>
510 Plumbing				
511 Heating and air-conditioning installation, lift installation, Sound proofing, etc.	-	-	-	29 (1)
512 Setting of tiles, Marble, bricks, glass and stone	-	-	-	-
513 Timber works such as fixing of doors, windows, panels, painting and decorating	543 (9)	38 (2)	29 (1)	42 (2)
514 Electrical installations	143 (1)	4 (1)	5 (1)	21 (2)
519 Other activities allied to construction n.e.c. such as fixing of hand pump	83 (1)	90 (2)	99 (3)	90 (2)
<b>60 Wholesale Trade in Food, Textiles, Live Animals, Beverages and Intoxicants</b>	<b>320 (14)</b>	<b>399 (9)</b>	<b>571 (20)</b>	<b>469 (20)</b>
600 Cereals and pulses	-	-	-	200 (11)
601 Food stuffs other than cereals and pulses	49 (3)	50 (3)	49 (3)	65 (4)
602 Textiles and textile products like all kinds of fabric garments, shirtings, suiting and hosiery goods	-	75 (1)	140 (2)	75 (1)
604 Intoxicants like wines and liquor including bottling	65 (2)	50 (1)	50 (1)	50 (1)
605 Intoxicants like opium ganja etc.	-	-	-	-
<b>61 Wholsale Trade in Fuel, Light, Chemicals, Perfumery, Ceramics and Glass</b>	<b>4516 (82)</b>	<b>5467 (100)</b>	<b>5488 (123)</b>	<b>5799 (104)</b>
610 Medicines and chemicals	244 (2)	244 (2)	244 (2)	288 (3)
611 Fuel and lighting products	51 (3)	46 (3)	81 (5)	73 (4)
612 Trade in toilets, perfumery and cosmetics	-	-	-	-
613 Trade in metal, porcelain and glass utensils, crockery and chinaware	66 (3)	63 (2)	26 (1)	63 (2)



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>62 Wholesale Trade in Wood, Paper, Other fabrics, Hides and Skins and Inedible Oils</b>	45 (3)	29 (2)	422 (5)	216 (4)
620 Petrol, mobil oil and allied products	33 (2)	14 (1)	109 (2)	161 (2)
621 Wood,cane,hamhoo,thatches,etc.	12 (1)	15 (1)	13 (1)	12 (1)
623 Skin,leather and fur etc.	-	-	300 (2)	43 (1)
<b>63 Wholesale Trade in All Types of Machinery, Equipments, including Transport and Electrical Equipments</b>	414 (6)	476 (5)	700 (6)	699 (6)
630 Agricultural and industrial machinery e.g.harvestors,threshers, sowing machines, etc.	-	-	-	-
631 Electrical machinery and equipments	-	-	-	-
<b>64 Wholesale Trade in miscellaneous manufacturing</b>	4 (1)	4 (1)	9 (2)	137 (6)
640 Wholesale trade in furniture and fixtures	4 (1)	-	-	-
642 Wholesale trade in household equipments not elsewhere classified	-	-	-	65 (1)
644 Wholesale trade in clocks, eye-glasses & frames	-	-	-	-
645 Wholesale trade in hardware and sanitary equipment	-	-	-	-
649 Wholesale trade in goods n.e.c.	-	-	-	-
<b>65 Retail Trade in Food and Food Articles, Beverages,Tobacco and Intoxicants.</b>	132 (3)	139 (4)	275 (8)	156 (6)
650 Grain and grocery stores	100 (2)	100 (2)	222 (5)	110 (3)
655 Dealers in aerated water, soft drinks and ice creams	-	-	-	-
659 Retail trade in food & food articles, beverages, tobacco n.e.c.	-	-	10 (1)	3 (1)
<b>67 Retail Trade in Fuels and other Household Utilities and Durables</b>	28 (1)	46 (3)	65 (3)	89 (5)
670 Dealers in fire wood, coal and kerosene oil	28 (1)	25 (1)	28 (1)	31 (2)
673 Dealers in electrical and electronic goods	-	-	-	-
679 Retail trade in fuel and household utilities and durables n.e.c.	-	2 (1)	-	36 (1)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>68 Retail Trade in Others</b>	8294 (1094)	9113 (1182)	9882 (1243)	10409 (1189)
680 Medical shops	-	-	-	-
682 Dealers in building material	7987 (1082)	9024 (1176)	9772 (1231)	10213 (1183)
684 Petrol filling stations	269 (10)	20 (2)	66 (8)	105 (2)
689 Retail trade in others n.e.c.	4 (1)	29 (2)	33 (2)	25 (1)
<b>69 Restaurants and Hotels</b>	93 (4)	93 (4)	92 (4)	92 (4)
690 Restaurants, cafes and other eating and drinking places	93 (4)	93 (4)	92 (4)	92 (4)
<b>70 Land Transport</b>	663 (19)	874 (20)	955 (20)	1096 (24)
700 Railway transport	42 (1)	42 (1)	42 (1)	6 (1)
701 Passenger transport by tramways and bus services	90 (1)	250 (1)	250 (1)	335 (4)
702 Passenger transport by tramway and bus services	5 (1)	5 (1)	-	-
703 Freight transport by motor vehicles	32 (1)	29 (1)	28 (1)	24 (1)
704 Hackney carriages, bullock carts, ekkas, tongas etc.	-	-	-	-
707 Pipe line transport	494 (15)	548 (16)	635 (17)	626 (16)
708 Supporting services to land transport like operation of highway, bridges, toll roads, vehicular tunnels, parking lots etc.	-	-	-	95 (1)
<b>71 Water Transport</b>	869 (8)	992 (10)	245 (6)	365 (7)
712 Supporting services to water-transport like operation and maintenance of piers, docks, pilotage, light-houses, loading and discharging of vessels etc.	869 (8)	992 (10)	245 (6)	365 (7)
<b>72 Air Transport</b>	6761 (13)	6841 (10)	7050 (15)	8602 (21)
720 Air-transport carriers (of passenger and freight)	39 (1)	1000 (1)	1162 (4)	1029 (3)
721 Supporting services to air transport like operation of airports, flying facilities, radio beacons, flying control centres, radar stations etc.	6722 (12)	5841 (9)	5888 (11)	7573 (18)
<b>73 Services incidental to Transport, such as packing</b>	971 (16)	1144 (18)	1149 (20)	1467 (31)
730 Services incidental to transport, such as packing, crating travel agency, etc.	891 (14)	1064 (16)	1046 (16)	1089 (20)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>74 Storage and Warehousing</b>	58855 (906)	58958 (918)	62083 (948)	64382 (984)
740 Warehousing	524 (2)	1593 (36)	1605 (36)	495 (2)
741 Cold storage	16352 (763)	15414 (736)	16030 (743)	18398 (806)
749 Storage and warehousing n.e.c.	41979 (141)	41951 (146)	44448 (169)	45489 (176)
<b>75 Communications</b>	200 (6)	196 (6)	149 (4)	261 (6)
750 Postal, telegraphic, wireless and signal communications	27 (1)	27 (1)	-	27 (1)
<b>82 Real Estate and Business Services</b>	206 (5)	7 (1)	68 (2)	76 (2)
823 Accounting, auditing and book-keeping services	-	-	-	-
824 Data processing and tabulating services	-	-	-	-
825 Engineering, architectural and technical services	-	-	-	-
827 Machinery and equipment, rental and leasing	-	-	-	-
<b>90 Public Administration and Services</b>	1668 (21)	1645 (22)	1313 (25)	744 (25)
900 Public services in Union Govt.	1476 (16)	1487 (17)	957 (20)	515 (20)
901 Public services in State Governments including police services	50 (1)	16 (1)	54 (1)	51 (1)
903 Public service in quasi-Government bodies	142 (4)	142 (4)	302 (4)	178 (4)
<b>91 Sanitary Services</b>	3028 (96)	3028 (99)	5183 (108)	4903 (110)
910 Sanitation and similar services such as garbage and sewage disposal, operation of drainage systems and and other types of works connected with public health and sanitation	3028 (96)	3028 (99)	5183 (108)	4903 (110)
<b>92 Education, Scientific and Research Services</b>	13990 (104)	14008 (110)	15078 (113)	13526 (116)
920 Educational services rendered by technical or vocational colleges, schools and other institutions	4674 (66)	6039 (71)	4060 (60)	4998 (68)
922 Research and scientific services not classified elsewhere such as those rendered by institutions and laboratories engaged in the biological, physical and social sciences, meteorological institutes and medical research organisation etc.	9316 (38)	7969 (39)	10479 (46)	7989 (41)



Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Contd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>93 Medical and Health Services</b>	213 (6)	202 (6)	149 (4)	156 (4)
930 Health and medical services rendered by hospitals, dispensaries, sanatoria, nursing homes, maternal and child welfare clinics by Allopathic, Ayurvedic, Unani, Homeopathic, etc. practitioners	145 (3)	129 (3)	86 (2)	87 (2)
931 Veterinary services	68 (3)	73 (3)	63 (2)	69 (2)
<b>94 Community Services</b>	88 (2)	120 (3)	98 (4)	117 (4)
941 Welfare services rendered by organisations, operating on a non-profit basis for the promotion of welfare of the community such as relief societies, creches, homes for the aged, blind, fire brigade services, etc.	-	-	-	-
942 Business, professional and labour organisation	-	-	-	16 (1)
949 Community services n.e.c.	88 (2)	120 (3)	98 (4)	101 (3)
<b>95 Recreational and Cultural Services</b>	2224 (56)	2339 (63)	2476 (57)	2136 (55)
950 Motion picture production	2045 (50)	2175 (58)	2308 (52)	2081 (52)
951 Motion picture distribution and projection	156 (4)	151 (4)	153 (4)	39 (2)
952 Theatrical producers and entertainment services	10 (1)	-	-	-
954 Radio and television broadcasting	-	-	-	-
956 Libraries, museums, botanical and zoological gardens, zoo, game sanctuaries, etc.	-	-	-	-
959 Amusement and recreational services n.e.c.	13 (1)	13 (1)	15 (1)	16 (1)
<b>96 Personal Services</b>	7444 (316)	7518 (313)	7725 (309)	6112 (280)
960 Domestic services	21 (4)	21 (4)	126 (10)	9 (3)
961 Laundries, laundry services and dyeing plants	5723 (231)	5759 (231)	5920 (229)	5203 (235)
962 Hair dressing such as those done by barbers, hair dressing saloons and beauty shops	-	-	-	-
963 Portrait and commercial photographic studios	909 (40)	675 (39)	674 (38)	646 (35)
969 Personal services n.e.c.	1060 (38)	1042 (37)	843 (27)	104 (3)

Table 24.5 - FACTORY EMPLOYMENT BY INDUSTRY GROUPS - Concl'd.

Industry Codes/Industries	1991	1992	1993	1994
1	2	3	4	5
<b>98 International and other extra Territorial Bodies</b>	-	20 (1)	-	-
980 International and other extra Territorial Bodies	-	20 (1)	-	-
<b>99 Services n.e.c.</b>	8164 (57)	1431 (59)	1607 (66)	1910 (75)
990 Services n.e.c.	8164 (57)	1431 (59)	1607 (66)	1910 (75)
<b>X1 Activities not adequately defined</b>	660 (35)	2000 (81)	452056 (8692)	466045 (9040)
X10 Activities not adequately defined (other than those in X0)	660 (35)	2000 (81)	8692 (8692)	8692 (8692)
<b>Y0 Repair Services</b>	-	-	-	-
Y01 Repair of footwear and other leather goods	-	-	-	-
Y02 Electrical repair shops	-	-	-	-
Y03 Repair of motor vehicles and motor cycles	-	-	-	-
Y04 Repair of watch, clock and jewellery	-	-	-	-
Y05 Repair of cycles and cycle rickshaws	-	-	-	-
Y09 Repair of enterprises n.e.c.	-	-	-	-
<b>Grand Total</b>	8754280 (207758)	8737170 (209625)	9095352 (221882)	91256424 (227130)

Source: Labour Bureau, Ministry of Labour

## Notes:

1. Figures relate to estimated average daily number of workers employed.
2. Figures in brackets represent number of working factories.
3. Data is based on National Industrial Classification, 1987.

**Table 24.6- FACTORY EMPLOYMENT : 1994(P)**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Codes Industries	Andhra Pradesh	Assam	Bihar (1)	Gujarat	Haryana	Himachal Pradesh (1)	Jammu & Kashmir (1)	Karna- taka
1	2	3	4	5	6	7	8	9
00 Agricultural production	8 (1)	-	-	-	-	40 (1)	-	-
01 Plantations	-	-	-	-	-	125 (5)	-	-
02 Livestock production	-	-	-	-	-	-	-	-
03 Agricultural services	-	-	-	-	-	-	-	-
05 Forestry and logging	27 (1)	-	-	-	-	-	-	-
06 Fishing	-	-	-	-	-	99 (1)	-	-
19 Other mining	-	-	-	-	-	-	-	-
20-21 Manufacture of food products	159301 (11686)	63581 (883)	82616 (25845)	69730 (114)	15326 (642)	1392 (40)	3481 (130)	95239 (1537)
22 Manufacture of beverages tobacco & tobacco products	56749 (573)	158 (5)	3731 (154)	6847 (278)	2326 (25)	670 (7)	615 (9)	12877 (137)
23 Manufacture of cotton textiles	52335 (878)	1515 (16)	6524 (287)	147060 (1211)	19557 (327)	5208 (13)	2396 (5)	65047 (689)
24 Manufacture of wool, silk & synthetic fibre textiles	4405 (125)	3096 (10)	795 (26)	80655 (1342)	8818 (194)	1379 (8)	2839 (27)	19051 (319)
25 Manufacture of Jute, hemp and mesta textiles	10468 (26)	1182 (4)	7145 (265)	597 (9)	433 (3)	20 (1)	-	141 (4)
26 Manufacture of textile product (including wearing apparel other than footwear)	4699 (64)	33 (2)	805 (98)	16065 (279)	6802 (131)	1199 (5)	1347 (30)	78472 (679)
27 Manufacture of wood and wood products, furniture and fixtures	14063 (3053)	11233 (338)	17879 (3395)	10130 (808)	2370 (187)	4920 (837)	1671 (71)	12239 (333)
28 Manufacture of paper and paper products and printing, pub- lishing & allied industries	27763 (426)	3140 (23)	12432 (1787)	23496 (643)	11547 (140)	2238 (26)	756 (17)	25505 (390)
29 Manufacture of leather and leather and fur products (except repair)	2691 (62)	-	2751 (73)	1060 (29)	2030 (50)	1167 (8)	109 (4)	11206 (125)
30 Manufacture of rubber, plastic, petroleum and coal products	34927 (720)	4243 (35)	17034 (719)	118933 (2371)	10993 (307)	2816 (39)	2031 (37)	25905 (478)
31 Manufacture of chemicals and chemical products (except prod- ucts of petroleum and coal)	15513 (637)	3535 (13)	34510 (1169)	43786 (962)	12559 (202)	1364 (23)	239 (8)	17345 (363)
32 Manufacture of non-metallic mineral products	48383 (2408)	3253 (74)	117278 (2277)	67524 (1815)	27249 (707)	3100 (26)	2931 (75)	46629 (554)
33 Basic metal and alloys industries	44862 (470)	1530 (45)	89435 (833)	40844 (1108)	16489 (448)	1927 (24)	1232 (62)	32493 (398)
34 Manufacture of metal products and parts except machinery and transport equipment	16191 (850)	1068 (62)	22688 (2413)	37487 (1340)	20216 (845)	3490 (47)	550 (36)	27441 (670)



**Table 24.6- FACTORY EMPLOYMENT : 1994(P) -Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Kerala (1)	Madhya Pradesh	Mahara- shtra	Mani- pur (1)	Megha- laya (1)	Orissa	Punjab (1)	Rajas- than	Tamil Nadu
1	10	11	12	13	14	15	16	17	18
00 Agricultural production	-	-	288 (6)	-	-	-	66 (3)	-	-
01 Plantations	-	-	-	-	-	-	-	-	-
02 Livestock production	-	-	14 (1)	-	-	-	-	-	-
03 Agricultural services	-	-	-	-	-	-	-	-	38 (2)
05 Forestry and logging	-	-	4 (1)	-	-	-	-	-	-
06 Fishing	-	-	-	-	-	-	-	-	-
19 Other mining	-	-	-	-	-	-	-	-	-
20-21 Manufacture of food products	169926 (2107)	67916 (3258)	132534 (2904)	1469 (249)	51 (4)	13376 (367)	62285 (2024)	26210 (2346)	127615 (3131)
22 Manufacture of beverages, to- bacco and tobacco products	1944 (65)	4131 (56)	12007 (133)	-	60 (1)	902 (24)	4663 (23)	1572 (41)	5463 (115)
23 Manufacture of cotton textiles	25038 (412)	110659 (539)	179242 (2973)	500 (1)	74 (2)	12224 (56)	48335 (509)	64987 (2615)	185578 (2398)
24 Manufacture of wool, silk and synthetic fibre textiles	2372 (20)	10887 (47)	42896 (934)	118 (2)	-	82 (1)	46868 (1084)	33939 (400)	3790 (188)
25 Manufacture of Jute, hemp and mesta textiles	2919 (103)	1557 (8)	348 (10)	-	-	2628 (12)	-	38 (2)	986 (63)
26 Manufacture of textile product (including wearing apparel other than footwear)	5937 (239)	5197 (70)	27970 (920)	-	-	918 (12)	12021 (761)	14143 (325)	89773 (2084)
27 Manufacture of wood & wood products, furniture and fixtures	29610 (3610)	8717 (2963)	15959 (3058)	1714 (179)	545 (20)	4945 (389)	17005 (2134)	18852 (1837)	7285 (331)
28 Manufacture of paper & paper products & printing, publi- shing and allied industries	18267 (1325)	23340 (193)	51677 (1245)	110 (3)	453 (7)	10305 (52)	6268 (280)	5161 (157)	38638 (1103)
29 Manufacture of leather and leather and fur products (except repair)	229 (22)	3147 (20)	3476 (93)	-	-	428 (9)	3031 (33)	367 (12)	55218 (1234)
30 Manufacture of rubber, plastic, petroleum and coal products	24521 (569)	36889 (403)	161202 (2233)	200 (1)	-	9110 (133)	15672 (248)	13817 (335)	128341 (1923)
31 Manufacture of chemicals and chemical products (except products of petroleum and coal)	22478 (1786)	14370 (237)	56357 (1450)	-	-	3241 (66)	14509 (388)	8993 (208)	27933 (604)
32 Manufacture of non-metallic mineral products	25940 (1209)	64682 (658)	43130 (1039)	814 (15)	674 (4)	22158 (261)	6562 (270)	57027 (3798)	34095 (705)
33 Basic metal and alloys industries	6227 (331)	64764 (548)	67920 (927)	144 (2)	8 (1)	32618 (105)	36595 (782)	18948 (377)	38087 (681)
34 Manufacture of metal products and parts except machinery and transport equipment	10781 (1381)	16160 (325)	77085 (2135)	-	-	6658 (133)	23605 (1022)	7342 (194)	25976 (868)

**Table 24.6- FACTORY EMPLOYMENT : 1994(P) - Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Tri- pura	Uttar Pradesh (1)	West Bengal (1)	A & N Islands (1)	Chandi garh	D & N Haveli	Delhi	Goa, Daman Diu	Pondi- cherry	Total (All India)
1	19	20	21	22	23	24	25	26	27	28
00 Agricultural production	-	-	-	-	-	-	-	-	-	886 (25)
01 Plantations	-	-	-	-	-	-	-	-	-	125 (5)
02 Livestock production	-	-	-	-	-	-	-	-	-	66 (4)
03 Agricultural services	-	-	-	-	-	-	-	-	-	2344 (38)
05 Forestry and logging	-	-	-	-	-	-	-	-	-	27 (2)
06 Fishing	-	-	-	-	-	-	-	-	-	99 (1)
12 Metal Ore Mining	-	-	-	-	-	-	-	-	-	30 (1)
19 Other mining	-	-	-	-	-	-	-	-	-	24 (2)
20-21 Manufacture of food products	2415136420 (129)	136420 (1858)	57179 (1146)	97 (3)	2230 (46)	-	8749 (148)	1534 (24)	22401239739 (318)	59834
22 Manufacture of beverages, tobacco and tobacco products	95 (2)	8353 (63)	4269 (34)	-	404 (4)	41 (1)	3380 (26)	853 (13)	349 (14)	133555 (1725)
23 Manufacture of cotton textiles	83 (5)	68282 (188)	45815 (272)	-	70 (3)	243 (11)	7724 (57)	454 (1)	71961065892 (46)	13147
24 Manufacture of wool, silk and synthetic fibre textiles	6 (1)	7728 (45)	11560 (30)	-	392 (4)	295 (3)	1427 (30)	28 (1)	256 (4)	275102 (4427)
25 Manufacture of Jute, hemp and mesta textiles	1707 (3)	59402 (6)	222551 (85)	-	-	15 (1)	222 (5)	-	-	260333 (569)
26 Manufacture of textile product (including wearing apparel other than footwear)	50 (4)	18134 (116)	12225 (219)	-	31	202 (4)	56651 (962)	1455 (30)	372 (22)	344793 (6525)
27 Manufacture of wood & wood prod- ucts, furniture and fixtures	836 (98)	2820 (42)	8330 (362)	3190 (18)	398 (77)	-	2652 (52)	8 (1)	278 (46)	173869 (22504)
28 Manufacture of paper and paper products and printing, publishing and allied industries	1320 (138)	18350 (311)	27887 (527)	126 (2)	1293 (36)	19 (1)	13416 (344)	635 (14)	1993 (106)	330685 (8964)
29 Manufacture of leather & leather and fur products (except repair)	16 (2)	14677 (135)	13023 (196)	-	-	30 (1)	2365 (52)	27 (1)	2259 (20)	113568 (1981)
30 Manufacture of rubber, plastic, petroleum and coal products	177 (15)	20681 (330)	35677 (514)	233 (5)	307 (10)	270 (6)	8420 (196)	4716 (42)	3014 (123)	670815 (11105)
31 Manufacture of chemicals and chemical products (except prod- ucts of petroleum and coal)	220 (24)	11604 (188)	27364 (931)	-	260 (12)	10 (1)	17958 (553)	1725 (22)	1588 (115)	324676 (9203)
32 Manufacture of non-metallic mineral products	20340 (185)	37183 (511)	26259 (310)	-	250 (8)	220 (10)	2764 (89)	442 (17)	2116 (39)	626996 (15732)
33 Basic metal & alloys industries	162 (14)	3611613 (590)	1402 (906)	-	544 (23)	65 (2)	14898 (467)	933 (9)	1031 (37)	672912 (8909)
34 Manufacture of metal products and parts except machinery and transport equipment	847 (118)	15462 (458)	40427 (1038)	24 (1)	2117 (104)	108 (2)	17692 (556)	224 (16)	1366 (162)	360841 (13780)

**Table 24.6- FACTORY EMPLOYMENT : 1994(P) -Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Andhra Pradesh	Assam	Bihar (1)	Gujarat	Haryana	Himachal Pradesh (1)	Jammu & Kashmir	Karna- taka
1	2	3	4	5	6	7	8	9
35 Manufacture of machinery, machine tools and parts except electrical machinery	56131 (1110)	754 (29)	36059 (2365)	80363 (2064)	58805 (739)	3761 (60)	1402 (63)	124244 (1224)
36 Manufacture of electrical machinery, apparatus, applian- ces and supplies and parts	..	..	..	..	..	..	..	..
37 Manufacture of transport equipment and parts	22982 (272)	143 (3)	34009 (55)	16558 (222)	26757 (214)	1007 (13)	151 (8)	28784 (105)
38 Other manufacturing industries	5691 (89)	-	553 (35)	14596 (442)	4162 (81)	5916 (44)	1940 (25)	21354 (264)
40 Electricity	7484 (36)	840 (16)	10767 (501)	7186 (24)	1260 (15)	2021 (14)	380 (1)	..
41 Gas and steam	213 (5)	226 (7)	1461 (29)	212 (14)	854 (16)	-	-	-
42 Water works and supply	1053 (32)	25 (3)	840 (26)	1163 (14)	14 (1)	-	-	581 (15)
50 Construction	-	-	-	-	20 (1)	-	100 (1)	-
51 Activities allied to construction	95 (2)	-	-	50 (3)	-	-	-	-
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	272 (13)	-	-	13 (1)	147 (3)	-	-	-
61 Wholesale trade in fuel, chemi- cals, perfumery, ceramics and glass	191 (5)	-	-	128 (5)	105 (2)	200 (1)	-	-
62 Wholesale trade in wood, paper, other fabrics, skins and inedible oils	-	-	-	183 (2)	-	-	-	-
63 Wholesale trade in all types of machinery, equipment including transport and electrical equipments	-	-	-	680 (4)	-	-	-	-
64 Wholesale trade in miscella- neous manufacturing	-	-	-	65 (1)	-	-	-	-
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	-	-	-	11 (1)	-	-	-	-
67 Retail trade in fuel and other household utilities and durables	-	-	-	31 (2)	-	-	-	11 (1)
68 Retail trade in others	-	-	110 (2)	25 (1)	-	-	34 (4)	-
69 Restaurants and hotels	-	-	92 (4)	-	-	-	-	-
70 Land transport	-	41 (2)	-	450 (10)	-	-	-	250 (1)
71 Water transport	-	-	-	18 (1)	-	-	-	-



**Table 24.6- FACTORY EMPLOYMENT : 1994(P) - Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Kerala (1)	Madhya Pradesh	Mahara- shtra	Mani- pur (1)	Megha- laya (1)	Orissa	Punjab (1)	Rajas- than	Tamil Nadu
1	10	11	12	13	14	15	16	17	18
35 Manufacture of machinery, machine tools and parts except electrical machinery	18487 (550)	55564 (361)	170450 (2585)	90 (3)	-	3955 (76)	41810 (1462)	15855 (314)	97585 (1498)
36 Manufacture of electrical machinery apparatus, appliances and supplies and parts	..	..	..	..	..	..	..	..	..
37 Manufacture of transport equipment and parts	3957 (89)	20463 (91)	86065 (345)	92 (1)	-	3290 (16)	51656 (1132)	4412 (53)	70281 (379)
38 Other manufacturing industries	2570 (100)	1840 (29)	24915 (587)	4 (1)	16 (1)	713 (9)	1825 (40)	5300 (78)	9874 (160)
40 Electricity	624 (15)	22925 (58)	19984 (198)	-	189 (3)	7218 (14)	10000 (174)	10442 (152)	13109 (41)
41 Gas and steam	61 (3)	3845 (47)	1113 (22)	-	-	-	793 (19)	225 (2)	537 (10)
42 Water works and supply	524 (14)	1980 (31)	3377 (98)	-	-	69 (4)	55 (3)	1189 (14)	370 (11)
50 Construction	- (2)	40 (2)	67	-	-	-	-	-	-
51 Activities allied to construction	-	-	7 (1)	-	-	-	-	-	17 (1)
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	-	-	27 (2)	-	-	-	-	-	-
61 Wholesale trade in fuel, chemicals, perfumery, ceramics and glass	73 (1)	670 (24)	3542 (42)	-	-	-	-	-	211 (6)
62 Wholesale trade in wood, paper other fabrics, skins and inedible oils	-	-	33 (2)	-	-	-	-	-	-
63 Wholesale trade in all types of machinery, equipment including transport and electrical equipments	-	-	9 (1)	-	-	-	10 (1)	-	-
64 Wholesale trade in miscellaneous manufacturing	-	-	72 (5)	-	-	-	-	-	-
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	-	100 (2)	18 (2)	-	-	-	-	-	-
67 Retail trade in fuel and other household utilities and durables	-	-	47 (2)	-	-	-	-	-	-
68 Retail trade in others	27 (1)	-	8240 (1155)	-	-	226 (12)	1463 (3)	224 (8)	-
69 Restaurants and hotels	-	-	-	-	-	-	-	-	-
70 Land transport	-	95 (1)	61 (1)	-	-	-	-	-	24 (1)
71 Water transport	-	-	-	-	-	-	-	-	-

**Table 24.6- FACTORY EMPLOYMENT : 1994(P) -Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Tri- pura	Uttar Pradesh	West Bengal	A & N Islands	Chandi garh	D & N Haveli	Delhi	Goa, Daman Diu	Pondi- cherry	Total (All India)
1	19	20	21	22	23	24	25	26	27	28
35 Manufacture of machinery, machine tools & parts exc- ept electrical machinery	71 (9)	62205 (699)	92136 (1206)	-	4396 (103)	15 (1)	42274 (999)	..	1504 (59)	969170 (17613)
36 Manufacture of electrical machinery, apparatus, applian- ces and supplies and parts	..	..	..	..	..	..	..	..	..	..
37 Manufacture of transport equipment and parts	19 (3)	29335 (122)	62155 (222)	463 (2)	1375 (33)	-	17929 (468)	..	181 (9)	485917 (3889)
38 Other manufacturing industries	10 (1)	6857 (96)	7140 (158)	-	104 (4)	51 (3)	6568 (183)	..	160 (9)	123485 (2454)
40 Electricity	1129 (16)	15074 (58)	15529 (78)	271 (3)	-	-	3205 (8)	-	-	155369 (1519)
41 Gas and steam	-	186 (5)	1398 (6)	-	-	-	388 (7)	-	63 (2)	11040 (194)
42 Water works and supply	1257 (264)	1507 (22)	1969 (20)	-	-	-	1197 (10)	-	-	17288 (583)
50 Construction	-	192 (2)	383 (1)	-	-	-	-	-	-	802 (9)
51 Activities allied to construction	-	83 (1)	-	-	-	-	-	-	-	252 (8)
60 Wholesale trade in food, textiles, live animals, beverages and intoxicants	-	10 (1)	-	-	-	-	-	-	-	469 (20)
61 Wholesale trade in fuel, chemicals, perfumery, ceramics and glass	-	514 (14)	-	-	-	-	-	-	-	5779 (104)
62 Wholesale trade in wood, paper, other fabrics, skins and inedible oils	-	-	-	-	-	-	-	-	-	216 (4)
63 Wholesale trade in all types of machinery, equipment including transport and electrical equipment	-	-	-	-	-	-	-	-	-	699 (6)
64 Wholesale trade in misce- llaneous manufacturing	-	-	-	-	-	-	-	-	-	137 (6)
65 Retail trade in food and food articles, beverages, tobacco and intoxicants	-	32 (1)	-	-	-	-	-	-	-	156 (6)
67 Retail trade in fuel and other household utilities and durables	-	-	-	-	-	-	-	-	-	89
68 Retail trade in others	-	-	-	-	-	-	60	-	-	10409 (1189)
69 Restaurants and hotels	-	-	-	-	-	-	-	-	-	92 (4)
70 Land transport	-	-	190 (6)	-	-	-	93 (2)	-	-	1096 (24)
71 Water transport	-	-	227 (5)	-	-	-	-	-	-	365 (7)

**Table 24.6- FACTORY EMPLOYMENT : 1994(P) Contd.**  
**(By Industries and States/Union Territories)**  
**(Estimated average daily number of workers employed)**

Code Industries	Andhra Pradesh	Assam	Bihar (1)	Gujarat	Haryana	Himachal Pradesh (1)	Jammu & Kashmir	Karna- taka	Kerala
1	2	3	4	5	6	7	8	9	10
72 Air transport	840 (1)	-	-	1625 (8)	-	-	-	-	-
73 Services incidental to transport such as packing	-	-	-	473 (13)	-	-	-	35 (1)	-
74 Storage and warehousing	3139 (10)	296 (11)	3166 (196)	718 (24)	85 (6)	40 (1)	37 (4)	717 (18)	1805 (18)
75 Communications	-	-	-	-	-	-	-	192 (3)	-
82 Real estate and business services	-	-	-	-	-	-	-	76 (2)	-
90 Public administration and services	-	-	-	92 (3)	-	-	-	-	-
91 Sanitary services	12 (1)	-	188 (12)	436 (12)	-	-	60 (2)	220 (3)	14 (1)
92 Education, scientific and research services	474 (4)	-	-	2566 (52)	537 (5)	782 (1)	-	2596 (3)	86 (1)
93 Medical and health services	-	-	-	-	14 (1)	-	-	-	-
94 Community services	-	-	-	45 (2)	-	-	-	-	4 (1)
95 Recreational and cultural services.	210 (6)	-	-	32 (2)	-	-	-	223 (5)	13 (1)
96 Personal services	90 (4)	-	646 (131)	199 (10)	10 (1)	-	-	824 (25)	65 (2)
98 International and other extra territorial bodies.	-	-	-	-	-	-	-	-	-
99 Services not elsewhere classified	527 (18)	-	-	918 (24)	-	-	-	20 (1)	84 (12)
X1 Activities not adequately defined (other than those in X0)	-	-	-	-	-	16 (1)	240 (4)	-	-
Y0 Repairs services	-	-	-	-	-	-	-	-	-
<b>Grand Total</b>	647049 (24186)	105790 (1652)	523224 (45765)	812867 (16812)	257880 (5355)	59871 (1386)	27084 (651)	689049 (8724)	391349 (15142)

For notes and footnotes, please see page No.300



Table 24.6- FACTORY EMPLOYMENT BY INDUSTRIES AND STATES : 1994(P) -Contd.

Industry Code/ Industries	Madhya Pradesh	Mahara- shtra (1)	Mani- pur (1)	Megha- laya	Orissa	Punjab (1)	Rajas- than	Tamil Nadu	Tri- pura
1	11	12	13	14	15	16	17	18	19
72 Air transport	-	5918 (9)	-	-	-	-	-	219 (3)	-
73 Services incidental to transport, such as packing	-	-	-	-	-	-	-	44 (1)	-
74 Storage and warehousing	3720 (51)	12806 (79)	-	-	254 (19)	2370 (37)	558 (5)	2201 (25)	-
75 Communications	-	42 (2)	-	-	-	-	-	-	-
82 Real estate and business services	-	-	-	-	-	-	-	-	-
90 Public administration and services	-	-	-	-	-	-	-	142 (5)	-
91 Sanitary services	-	802 (33)	-	-	14 (1)	2 (1)	-	1343 (27)	-
92 Education, scientific and research services	-	-	-	-	329 (2)	120 (2)	90 (1)	1662 (2)	-
93 Medical and health services	-	91 (2)	-	-	51 (1)	-	-	-	-
94 Community services	-	-	-	-	-	68 (1)	-	-	-
95 Recreational and cultural services	-	432 (16)	-	-	-	-	-	959 (17)	-
96 Personal services	127 (3)	924 (28)	-	-	5 (1)	137 (7)	-	422 (21)	-
98 International and other extra territorial bodies	-	-	-	-	-	-	-	-	-
99 Services not elsewhere classified	-	77 (4)	-	38 (2)	-	62 (3)	-	33 (2)	-
X1 Activities not adequately defined (other than those in X0)	-	-	-	-	-	-	-	91 (3)	51 (4)
Y0 Repairs services	-	-	-	-	-	-	-	-	-
Grand Total	5578251282877 (10189)	5366 (459)	2343 (53)	140330 (1853)	420082 (12612)	330214 (13406)	1026422 (18475)	31853 (1136)	

For notes and footnotes, please see page No.300

Table 24.6- FACTORY EMPLOYMENT BY INDUSTRIES AND STATES : 1994(P) -Concl'd.

Industry Code/ Industries	Uttar Pradesh (1)	West Bengal (1)	A & N Islands (1)	Chandi- garh (1)	D.& N. Haveli (1)	Delhi (1)	Goa, Daman Diu	Pondi- cherry	Total (All India)
1	20	21	22	23	24	25	26	27	28
72 Air transport	-	-	-	-	-	-	-	-	8602
73 Services incidental to transport such as packing	-	672 (12)	-	-	-	29 (1)	-	-	1467 (31)
74 Storage & warehousing	15817 (246)	9454 (198)	95 (3)	-	-	6922 (30)	109 (3)	-	64382 (984)
75 Communications	-	-	-	-	-	-	-	-	261 (4)
82 Real estate and business- business services	-	-	-	-	-	-	-	-	76 (2)
90 Public administration and services	-	-	-	-	-	48 (19)	-	-	744 (25)
91 Sanitary services	97 (2)	446 (8)	-	-	-	1269 (7)	-	-	4903 (110)
92 Education, scientific and research services	921 (3)	877 (10)	-	36 (2)	-	628 (11)	-	-	13526 (116)
93 Medical and health services	-	-	-	-	-	-	-	-	156 (4)
94 Community services	-	-	-	-	-	-	-	-	117 (4)
95 Recreational and cultural services	-	267 (8)	-	-	-	-	-	-	2136 (55)
96 Personal services	1984 (9)	369 (22)	-	-	-	248 (13)	24 (1)	-	6112 (280)
98 International and other extra territorial services	-	-	-	-	-	-	-	-	-
99 Services not elsewhere classified	59 (2)	78 (6)	-	-	-	-	-	-	1910 (75)
X1 Activities not adequately defined (other than those in X0)	-	-	-	-	-	243 (5)	-	-	641 (17)
Y0 Repairs services	-	-	-	-	-	-	-	-	-
Grand Total	571282 (6356)	905973 (8981)	5276 (45)	18271 (536)	1684 (50)	260911 (5774)	21396 (286)	29135 (1174)	9125403 (227130)

Source: Labour Bureau, Ministry of Labour

(1) Estimated by reporting the latest available figures.

## Notes:

1. Data relates to Estimated average daily number of workers employed and is based on National Industrial Classification, 1987.
2. Data for industrial code 36 is included in that of code 35.
3. Includes estimated figures of employment in factories not submitting returns.
4. Figures in brackets represents number of working factories.

**Table 24.7- EMPLOYMENT IN FACTORIES-  
ADULTS, ADOLESCENTS AND CHILDREN ACCORDING TO SEX**

Year/States/U.Ts.	No. of working factories submitting returns	Daily Average No. of workers employed						Total
		Adults		Adolescents		Children		
		Men	Women	Males	Females	Boys	Girls	
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	110704	4695592	507097	1533	6149	300	1158	5211829
1992	109012	4675617	524350	1883	5460	293	1111	5208714
1993(P)	111770	4553807	530236	1613	4539	-	-	5090195
1994(P)	120561	4860664	630270	919	4863	0	0	5496716
<b>1994(P)</b>								
<b>States:</b>								
Andhra Pradesh	12223	366671	62713	-	-	-	-	429384
Assam	768	71822	3648	-	-	-	-	75470
Bihar (E)	40783	471258	14736	-	-	-	-	485994
Goa	264	15970	4373	-	-	-	-	20343
Gujarat	6449	338302	22256	-	-	-	-	360558
Haryana	1572	128405	5457	-	-	-	-	133862
Himachal Pradesh	117	13622	1182	-	-	-	-	14804
Jammu & Kashmir (E)	223	9530	1456	73	-	-	-	11059
Karnataka	3325	246532	70915	-	-	-	-	317447
Kerala (E)	8279	133274	109060	-	-	-	-	242334
Madhya Pradesh	1049	192518	6127	-	-	-	-	198645
Maharashtra	17957	968931	68443	139	13	-	-	1037526
Manipur (E)	282	2304	721	-	-	-	-	3025
Meghalaya	39	1629	281	-	-	-	-	1910
Orissa	1198	104269	5990	-	-	-	-	110259
Punjab	860	96028	5201	-	-	-	-	101229
Rajasthan	1549	120064	3255	-	-	-	-	123319
Tamil Nadu	16176	686319	218407	616	4845	-	-	910187
Tripura	357	5085	611	-	-	-	-	5696
Uttar Pradesh (E)	3377	383573	4385	-	-	-	-	387958
West Bengal (E)	1902	413611	12233	91	5	-	-	425940
<b>Union Territories:</b>								
A. & N. Islands (E)	30	4237	79	-	-	-	-	4316
Chandigarh (E)	108	5876	231	-	-	-	-	6107
D. & Nagar Haveli (E)	29	860	94	-	-	-	-	954
Delhi	1177	60905	4823	-	-	-	-	65728
Pondicherry	468	19069	3593	-	-	-	-	22662

Source: Labour Bureau, Ministry of Labour

(E) Estimated.

Note: The information contained in this table may not tally with other tables as this table does not contain the information relating to the factories, which are not submitting returns.



**Table 24.8- ESTIMATED AVERAGE DAILY EMPLOYMENT IN WORKING FACTORIES  
USING POWER**

Year/States/U.Ts.	Number of working factories	Estimated average daily employment (‘000)
1	2	3
<b>All India</b>		
1991	112838	7262
1992	113656	7242
1993(P)	119810	7258
1994(P)	120648	7093
<b>1994</b>		
<b>States:</b>		
Andhra Pradesh	16608	539
Assam	1571	104
Bihar (E)	3913	306
Goa	281	21
Gujarat	14302	785
Haryana	5019	253
Himachal Pradesh	560	56
Jammu & Kashmir (E)	419	24
Karnataka	-	-
Kerala (E)	-	-
Madhya Pradesh	5062	296
Maharashtra	17603	1180
Manipur	54	3
Meghalaya	41	2
Orissa	1650	136
Punjab	9940	397
Rajasthan	5607	271
Tamil Nadu	17325	969
Tripura	197	11
Uttar Pradesh (E)	5964	548
West Bengal (E)	8089	897
<b>Union Territories:</b>		
A. & N. Islands (E)	43	5
Chandigarh (E)	449	12
Dadra & Nagar Haveli(E)	50	2
Daman & Diu	..	..
Delhi	5631	253
Pondicherry	270	23

Source: Labour Bureau, Ministry of Labour

(E) Estimated.

Table 24.9 - EMPLOYMENT IN MINES

Year/States/ Union Territories	Coal	Copper	Chromite	Diamond	Gold	Gypsum	Iron ore
1	2	3	4	5	6	7	8
<b>All India</b>							
1991	554134	12844	10569	362	9332	607	40050
1992	552040	12659	10608	441	9374	711	42031
1993	546368	12233	10526	409	7884	637	39751
1994	523730	11164	9977	401	7364	550	38546
1995	513313	10473	9408	388	7095	629	39657
1996	506403	9921	9781	393	6875	577	39195
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	71790	-	-	-	802	-	143
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	2952	-	-	-	-	-	-
Bihar	182593	5463	-	-	-	-	5483
Goa	-	-	-	-	-	-	3333
Gujarat	1448	-	-	-	-	19	-
Haryana	-	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-	-
Jammu & Kashmir	576	-	-	-	-	56	-
Karnataka	-	360	981	-	6073	-	5782
Kerala	-	-	-	-	-	-	-
Madhya Pradesh	91314	934	-	393	-	-	9126
Maharashtra	31930	-	-	-	-	-	235
Manipur	-	-	-	-	-	-	-
Meghalaya	-	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	16527	-	8800	-	-	-	15053
Punjab	-	-	-	-	-	-	-
Rajasthan	-	3164	-	-	-	446	40
Tamil Nadu	7644	-	-	-	-	56	-
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	3765	-	-	-	-	-	-
West Bengal	95864	-	-	-	-	-	-
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay off shore oil	-	-	-	-	-	-	-

Table 24.9 - EMPLOYMENT IN MINES-Concl'd.

Year/States/ Union Territories	Lime stone	Magnesite	Manganese	Mica	Stone(1)	Other Mines	Total
1	9	10	11	12	13	14	15
<b>All India</b>							
1991	43522	6581	17866	2173	11243	80597	789880
1992	43024	6764	18382	1595	8922	81430	790971
1993	41614	6522	18548	1458	9188	80670	779416
1994	39810	4705	18248	1742	9386	83867	749590
1995	39818	4040	18085	1762	7520	83924	736112
1996	35741	3547	18129	1194	5160	79267	716183
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	2316	-	1102	460	13	4418	81044
Arunachal Pradesh	-	-	-	-	-	505	505
Assam	364	-	-	-	-	14955	18271
Bihar	2647	-	83	702	3352	3728	204051
Goa	-	-	381	-	19	24	3757
Gujarat	1406	-	-	-	471	17166	20510
Haryana	168	-	-	-	390	2193	2751
Himachal Pradesh	824	-	-	-	-	70	894
Jammu & Kashmir	-	-	-	-	-	-	632
Karnataka	1283	388	3255	-	50	1500	19672
Kerala	289	-	-	-	-	882	1171
Madhya Pradesh	7067	-	4804	-	-	5209	118847
Maharashtra	761	-	3064	-	205	808	37003
Manipur	-	-	-	-	-	-	-
Meghalaya	174	-	-	-	-	-	174
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	5500	-	5440	-	-	3857	55177
Punjab	-	-	-	-	-	-	-
Rajasthan	7714	-	-	32	-	15634	27030
Tamil Nadu	4170	2701	-	-	-	2984	17555
Tripura	-	-	-	-	-	456	456
Uttar Pradesh	1058	458	-	-	-	1635	6916
West Bengal	-	-	-	-	660	3243	99767
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	-	-	-	-	-	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Bombay off shore oil	-	-	-	-	-	-	-

Source: Directorate General of Mines Safety, Ministry of Labour

(1) From 1992 onwards figures of Stone exclude Granite.



Table 24.10 - EMPLOYMENT IN PLANTATIONS

Year	Tea		Coffee (1)		Rubber		Total	
	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers	No. of Estates	Average daily no. of workers
1	2	3	4	5	6	7	8	9
1991	13873	996735	136033	367004	815881	293108	965787	1656847
1992	13918	991704	140293	378497	842839	304618	997050	1674819
1993	13936	991019	140293	378497	863700	310800	1018271	1680316
1994	35116	1028694	..	455600	881408	315900	..	..
1995	37319	1028787	..	458230	911289	322300	..	..
1996	38705P	1029651P	..	487460	931637P	328960P	..	..
1997	..	..	..	486730	957724P	335450P	..	..
1998	..	..	..	491700	..	..	..	..

Sources: 1. Ministry of Agriculture  
 2. Coffee Board  
 3. Tea Board  
 4. Rubber Board

(1) Figures relate to 31st March of the year stated.



Table 24.11-EMPLOYMENT IN SHOPS AND COMMERCIAL ESTABLISHMENTS

('000 Nos.)

Year/States/ Union Territories	Shops		Commercial esta- blishments		Restaurants, theatres etc.		All establish- ments	
	No.	Workers	No.	Workers	No.	Workers	No.	Workers
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	3108	2314	611	2204	181	622	3900	5140
1992	2835	2115	631	2196	190	655	3656	4966
1993	2993	2372	650	1123	171	627	3814	4123
1994	2997	2379	603	2066	167	587	3768	5032
1995	3114	2384	688	2212	172	601	3974	5197
<b>1995</b>								
<b>States:</b>								
Andhra Pradesh	296	236	25	69	16	65	337	370
Assam	..	..	..	..	..	..	..	..
Bihar	..	..	..	..	..	..	..	..
Goa (1)	29	19	3	13	3	11	35	43
Gujarat	556	409	201	444	18	66	775	663
Haryana	142	61	10	21	4	8	156	90
Himachal Pradesh	26	13	5	8	5	5	36	26
Jammu & Kashmir	94	16	5	10	9	9	108	35
Karnataka	129	136	48	157	12	65	188	314
Kerala	180	139	29	57	19	49	229	245
Madhya Pradesh	333	103	81	58	30	29	443	145
Maharashtra	766	540	445	1216	51	219	1262	1975
Manipur	1	1	@	@	@	1	1	2
Meghalaya	..	..	..	..	..	..	..	..
Orissa	11	40	6	30	3	12	20	82
Punjab	248	60	37	73	9	33	294	149
Rajasthan	379	125	22	77	23	48	423	250
Tamil Nadu	240	254	15	90	2	12	256	356
Tripura	2	1	@	1	@	@	2	2
Uttar Pradesh	..	..	..	..	..	..	..	..
West Bengal	518	491	34	103	4	13	555	607
<b>Union Territories</b>								
A. & N. Islands	..	..	..	..	..	..	..	..
Chandigarh	11	13	4	12	2	5	17	30
Delhi	..	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..	..
Pondicherry	16	16	2	5	1	6	19	27

Source: Labour Bureau, Ministry of Labour

(1) Includes Daman and Diu also.

@ Less than 500.

Note: The employment figures are covered by the Shops and Commercial Establishments Act and Weekly Holidays Act, 1942.

Table 24.12-NUMBER OF APPLICANTS ON LIVE REGISTER OF EMPLOYMENT EXCHANGES

('000 Nos.)

Year/States/ Union Territories	No. of employ- ment exch- anges	Total Live Register	Profes- sional, tech- nical & related workers	Adminis- trative execu- tive & manage- rial workers	Clerical and related workers	Sales workers	Service workers	Farmers, fisher- men, hunters, loggers and related workers	Produc- tion and related workers transport equipment operators and labourers	Workers not classi- fied by any occu- pation
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1995	815	36742.5	2000.6	15.8	1687.4	10.5	552.9	95.7	2232.6	30147.0
<b>States:</b>										
Andhra Pradesh	29	3189.0	232.6	0.8	125.9	0.1	22.5	6.9	234.4	2565.8
Arunachal Pradesh	5	5.3	-	-	-	-	-	-	-	5.3
Assam	50	1103.3	11.9	0.1	8.2	-	6.4	13.9	39.9	1022.9
Bihar	60	3600.6	144.7	1.5	165.7	3.7	34.3	6.7	205.8	3038.2
Goa	1	98.1	4.4	0.1	13.7	-	2.5	0.1	14.5	62.8
Gujarat	36	1010.8	50.4	0.3	29.4	-	16.7	1.6	23.5	888.9
Haryana	92	632.5	51.7	0.2	50.5	0.3	26.8	3.8	46.2	453.0
Himachal Pradesh	13	468.9	35.3	0.3	31.3	0.2	18.0	3.7	53.8	326.3
Jammu & Kashmir	14	119.0	4.6	0.1	2.9	-	2.7	0.1	14.9	93.7
Karnataka	33	1394.4	179.8	0.5	105.3	0.1	5.1	2.6	88.5	1012.5
Kerala	67	3635.4	154.2	5.5	225.4	0.3	57.8	15.6	203.6	2973.0
Madhya Pradesh	56	2193.2	58.7	0.4	66.5	0.1	23.4	1.2	74.7	1968.2
Maharashtra	36	3227.3	151.7	1.3	167.5	-	22.3	6.9	194.0	2683.6
Manipur	9	207.3	3.7	-	0.6	-	-	0.1	1.4	201.5
Meghalaya	10	24.1	0.5	-	0.1	-	0.4	-	0.8	22.3
Mizoram	3	38.4	0.7	-	-	-	-	-	5.7	32.0
Nagaland	7	21.1	0.2	-	0.3	-	-	-	0.6	20.0
Orissa	33	915.7	48.0	0.2	43.5	0.1	9.2	1.4	61.8	751.5
Punjab	43	695.9	74.5	0.1	28.3	0.1	48.0	3.4	144.4	397.1
Rajasthan	32	959.3	108.1	0.8	3.8	-	15.5	0.4	29.8	800.9
Sikkim	-	0.0	-	-	-	-	-	-	-	-
Tamil Nadu	31	3404.8	208.2	0.6	234.2	1.2	82.3	11.8	297.1	2569.4
Tripura	4	168.7	0.5	0.1	0.2	-	0.1	-	1.2	166.6
Uttar Pradesh	76	3288.3	166.0	1.2	80.7	0.3	74.6	5.4	239.1	2721.0
West Bengal	70	5125.5	174.6	1.1	172.9	1.8	50.7	5.4	173.0	4546.0
<b>Union Territories:</b>										
A. & N. Islands	1	17.1	1.1	-	0.2	-	0.3	-	2.6	12.9
Chandigarh	1	166.2	4.7	-	0.1	-	-	-	-	161.4
D. & N. Haveli	1	2.4	0.2	-	0.3	-	-	-	1.2	0.7
Daman & Diu	2	0.0	-	-	-	-	-	-	-	-
Delhi	17	894.8	123.1	0.2	124.6	2.2	32.6	3.9	72.9	535.3
Lakshadweep	1	5.9	-	-	-	-	-	-	-	5.9
Pondicherry	1	129.2	6.5	0.4	5.3	-	0.7	0.8	7.2	108.3

Source: Labour Bureau, Ministry of Labour

## Notes:

- Figures are as on 31 December.
- No employment exchanges are working in the state of Sikkim.



**Table 24.13-TOTAL EARNINGS OF FACTORY WORKERS IN INDIA (1)**  
(By States and Union Territories)

(Rs. '000)

Year/States/ Union Territories	1991	1992	1993	1994	1995
1	7	8	9	10	11
<b>All India</b>	31642185	25497825	25017133	25186694	15012662
<b>States:</b>					
Andhra Pradesh	3412184	4440884	3671388	4155185	5722930
Assam	1146628	542056	1131330	601778	747630
Bihar	3452011	..	..	..	..
Goa	16883	17259	59955	29775	32160
Gujarat	3763509	3890355	3212310	2660587	..
Haryana	1667390	1675896	2062936	1308199	1527858
Himachal Pradesh	..	135431	172994	170859	249826
Jammu & Kashmir	..	..	..	..	..
Karnataka	1032793	..	..	1845871	1247348
Kerala	1728341	1524299	1119090	..	..
Madhya Pradesh	752548	1181638	1139986	1549133	1070725
Maharashtra	3835459	3091585	3066139	2780065	2244667
Manipur	33714	..	..	7129	..
Meghalaya	..	..	..	..	..
Nagaland	..	..	..	..	..
Orissa	230429	261538	250927	248269	286857
Punjab	1522721	1491055	1525677	1617163	..
Rajasthan	789105	1163637	1145773	959513	1094553
Tamil Nadu	7184697	5365254	5796316	6343672	..
Tripura	8329	41253	13753	7188	10406
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
<b>Union Territories:</b>					
A & N. Islands	179156	..	..	..	..
Delhi	566700	451551	481257	623961	569479
Pondicherry	319588	224134	167302	278347	208223

Source: Labour Bureau, Ministry of Labour

(1) Data relates to employees drawing less than Rs.1600/-per month.

## Notes

1. Data excludes employees in Railway workshops.
2. The coverage of data varies from year to year as returns have not been received from all the factories coming within the purview of the Act.

**Table 24.14-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY WORKERS**  
(By States and Union Territories)

(Rupees per worker)

Year/States/ Union Territories	1991	1992	1993	1994	1995
1	7	8	9	10	11
<b>All India</b>	12208	11191	11904	11526	14532
<b>States:</b>					
Andhra Pradesh	11543	13516	11467	13875	14069
Assam	11917	12593	14729	14498	14861
Bihar	9504	..	..	..	..
Goa	11429	7396	14958	11298	13215
Gujarat	13555	14127	15605	8010	..
Haryana	10987	13017	18985	16078	17234
Himachal Pradesh	..	13963	14564	16857	18125
Jammu & Kashmir	..	..	..	..	..
Karnataka	20154	..	..	14635	13319
Kerala	12443	5586	..	..	..
Madhya Pradesh	19614	12939	14686	15778	16548
Maharashtra	13616	13209	13620	12916	13890
Manipur	10677	..	..	..	..
Meghalaya	..	..	..	11789	..
Nagaland	..	..	..	..	..
Orissa	13458	12673	12281	11987	11856
Punjab	15402	19607	18819	20203	..
Rajasthan	13593	13097	17792	17273	19242
Tamil Nadu	11010	7864	7690	8546	..
Tripura	5936	18346	13549	5886	8634
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
<b>Union Territories:</b>					
A. & N Islands	13134	..	..	..	..
Delhi	13658	14890	14111	16891	10461
Pondicherry	15083	13443	9571	12578	10482

Source: Labour Bureau, Ministry of Labour

## Notes:

1. Covers all employees earning less than Rs. 1600/= p.m.
2. Excludes workers employed in Railway workshops and group of industries of seasonal nature consisting of food, beverages, tobacco and construction but includes defence installations.

**Table 24.15-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY EMPLOYEES  
BY INDUSTRIES (1)**

		(Rupees per worker)				
Code	Industries	1991	1992	1993	1994	1995
1	2	9	10	11	12	13
23	Manufacture of cotton textiles	14492	10372	11041	8255	15190
24	Manufacture of wool,silk and man-made fibre textiles (except cotton)	14398	12874	16772	14600	19281
25	Manufacture of jute and other vegetable fibre textiles (except cotton)	15927	15849	13101	16455	13361
26	Manufacture of textile products (incl. wearing apparel other than footwear)	12015	11701	9276	12334	14357
27	Manufacture of wood and wood products, furniture and fixtures	9429	5909	9353	12277	13569
28	Manufacture of paper and paper products and printing, publishing and allied industries	14721	14789	14230	14225	18924
29	Manufacture of leather and products of leather	10153	10142	7723	12730	14339
30	Manufacture of basic chemicals and chemical products (except products of petroleum and coal)	10904	10002	8969	10172	15882
31	Manufacture of rubber,plastic,petroleum and coal products and processing of of nuclear fuels	12688	12041	11523	11807	15225
32	Manufacture of non-metallic mineral products	9324	8789	12293	10864	14201
33	Basic metal and alloys industries	14494	13264	12520	13014	11976
34	Manufacture of metal products and parts except machinery and transport equipments	12096	11858	12804	12351	8788
35	Manufacture of machinery,machine tools and parts (except electrical machinery)	11011	11845	13288	12600	16903
36	Manufacture of electrical/electronic machinery,apparatus, appliances and supplies and parts	13038	11558	14277	-	-
37	Manufacture of transport equipment and parts	10177	11889	12221	12419	16834
38	Other manufacturing industries	12756	11866	13253	11390	14594
39	Repair of capital goods	13396	15478	11936	15637	11220
40	Electricity generation,transmission and distribution	9490	11844	14543	15787	18964
41	Gas and steam generation and distribution through pipes	14216	11941	16456	15136	16567
42	Water works and supply	11632	15840	13495	11199	14196
61	Wholesale trade in wood, paper, skin, leather and fur, fuel, petroleum, chemicals,perfumery,ceramics glass and ores and metals	15401	11974	8302	11858	14697
62	Wholesale trade in all types of machinery equipment including transport equipment	17940	15116	12940	17124	8492



**Table 24.15-AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY EMPLOYEES  
BY INDUSTRIES (1) -Concl'd.**

(Rupees per worker)

Code	Industries	1991	1992	1993	1994	1995
1	2	9	10	11	12	13
63	Wholesale trade not elsewhere classified	7040	10938	14464	16111	9977
64	Commission agents	-	13660	12080	10201	10490
65	Retail Trade in Food & Food products etc.	..	..	14186	14199	11997
67	Retail trade in fuel and other household utilities and durables	8541	9115	10665	10632	9872
68	Retail trade not elsewhere classified	6854	14963	8546	9259	14368
69	Restaurants and hotels	10797	-	-	-	-
70	Land transport	12314	13085	15462	13309	15633
71	Water transport	7483	-	18272	-	-
72	Air transport	10194	-	12017	8979	-
73	Services incidental to transport	7109	13498	10888	10103	-
74	Storage and warehouses services	10583	14369	11124	11867	12273
75	Communication services	-	-	-	-	-
80	Banking and similar type of financial institutions	-	-	5543	-	-
82	Real estate and business services	12009	8770	10529	10560	11937
89	Business services not elsewhere classified	9772	12737	13158	19360	16172
90	Public administration and defence services	6910	13717	13709	13565	19305
91	Sanitary services	11386	14130	15769	16675	-
92	Education, scientific and research services	13186	13510	17555	8636	19064
93	Medical and health services	8226	13979	17299	14296	18532
94	Community services	-	12683	10249	-	-
95	Recreational and cultural services	12133	8781	13565	18066	13364
96	Personal services	13392	12768	12937	14658	11581
97	Repair services	10978	13967	12560	16498	14826
98	International and other extra territorial bodies services	18669	9742	-	-	-
99	Services not elsewhere classified	9378	18608	17957	11140	19521
X1	Activities not adequately classified (other than that in XO)	2822	15933	14974	-	7455
Y0	Repair services(if not included under 97)	-	-	-	-	-
All Industries		12208	11191	11729	11526	14532

Source : Labour Bureau, Ministry of Labour

(1) Based on National Industrial Classification, 1970.

## Notes :

1. The figures exclude employees in Railway Workshops.
2. The coverage of data varies from year to year as returns have not been received from all the factories coming within the purview of the Act.

**Table 24.16-WAGES AND EARNINGS OF MINING LABOUR  
(Rupees)**

In December	Average Weekly Earnings of Miners and Loaders- Coal Mines									
	Assam		West Bengal (Raniganj)		Bihar		Madhya Pradesh (Jharia)		All Coalfields	
	Under- ground	Open working	Under- ground	Open working	Under- ground	Open working	Under- ground	Open working	Under- ground	Open working
1	2	3	4	5	6	7	8	9	10	11
1991	510.50	435.20	517.63	391.38	471.53	550.83	536.88	503.98	508.53	596.14
1992	694.28	-	587.80	507.42	667.86	754.53	730.28	744.02	645.33	642.88
1993	818.01	-	756.93	625.00	707.49	802.31	881.06	870.16	767.32	749.73
1994	973.48	402.55	814.09	657.80	825.94	1040.59	1151.89	1007.92	975.97	952.97
1995	1045.00	1005.00	994.00	983.00	1031.00	1330.00	1590.00	1141.00	1213.00	1173.00

In December	Average Daily Earnings of Miners and Loaders- Non-Coal Mines (1)					
	Mica		Manganese		Iron	Limestone
	Andhra Pradesh	Bihar	Madhya Pradesh	Bihar	Madhya Pradesh	China clay Bihar
1	2	3	4	5	6	7
1991	28.33	32.43	46.16	100.48	66.38	26.93
1992	27.90	34.21	48.68	113.24	73.32	23.09
1993	34.60	31.87	45.44	110.30	72.20	24.83
1994	39.75	34.33	49.08	118.37	79.54	30.39
1995	47.00	38.50	51.83	180.66	74.50	34.16

Source: Directorate General of Mines Safety, Ministry of Labour

(1) Figures relate to underground in the case of mica mines and open cast workings in the case of others.

Table 24.17-INDUSTRIAL INJURIES IN FACTORIES

Year/States/ Union Territories	Fatal		Non-Fatal		Total	
	Number	Incidence rate(1)	Number	Incidence rate(1)	Number	Incidence rate(1)
1	2	3	4	5	6	7
<b>All India</b>						
1991	690	0.18	76262	20.02	76952	20.20
1992	661	0.19	83265	22.92	83926	23.10
1993(P)	910	0.18	92987	21.67	93897	21.85
1994(P)	696	0.20	74860	21.63	75556	21.83
<b>1994 (P)</b>						
<b>States:</b>						
Andhra Pradesh	100	0.23	4388	10.22	4488	10.45
Assam	6	0.08	353	4.68	359	4.76
Bihar	..	..	..	..	..	..
Goa	12	0.59	295	14.50	307	15.09
Gujarat	195	0.54	15489	42.96	15684	43.50
Haryana	..	..	..	..	..	..
Himachal Pradesh	4	0.27	319	21.55	323	21.82
Jammu & Kashmir	..	..	..	..	..	..
Karnataka	..	..	..	..	..	..
Kerala	..	..	..	..	..	..
Madhya Pradesh	71	0.36	9027	45.44	9098	45.80
Maharashtra	157	0.15	24046	23.27	24203	23.33
Manipur	..	..	..	..	..	..
Meghalaya	3	1.57	23	12.04	26	13.61
Orissa	29	0.26	3083	27.96	3112	28.22
Punjab	24	0.24	788	7.78	812	8.02
Rajasthan	40	0.32	6190	50.20	6230	5.05
Tamil Nadu	43	0.05	9218	10.12	9261	10.17
Tripura	-	-	5	0.88	5	0.88
Uttar Pradesh	..	..	..	..	..	..
West Bengal	..	..	..	..	..	..
<b>Union Territories:</b>						
A. & N. Islands	..	..	..	..	..	..
Chandigarh	..	..	30	4.91	30	4.91
Dadra and Nagar Haveli	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..
Delhi	9	0.14	561	8.53	570	8.67
Pondicherry	3	0.13	1045	46.11	1048	46.24

Source: Labour Bureau, Ministry of Labour

(1) Rate per 1000 workers employed.



**Table 24.18-INDUSTRIAL INJURIES IN MINES  
(By Minerals)**

Year/Minerals	No. of accidents		No. of Injuries		Rate per 1000 persons employed	
	Fatal	Serious	Fatal	Serious	Fatal	Serious
1	2	3	4	5	6	7
<b>All India</b>						
1991	222	1094	245	1176	0.31	1.49
1992	233	1092	261	1203	0.33	1.52
1993	214	1169	249	1233	0.32	1.58
1994	217	963	327	1041	0.44	1.39
1995	203	1025	293	1092	0.42	1.56
1996	203	940	229	1006	0.32	1.40
<b>1996</b>						
<b>Minerals:</b>						
Apatite	1	-	1	-	0.28	-
Barytes	1	-	1	-	1.03	-
Bauxite	4	1	4	1	0.69	0.17
Marble	3	-	5	1	14.88	2.98
Chromite	1	2	1	2	0.10	0.20
Coal	131	677	146	723	0.29	1.43
Copper	2	7	2	7	0.20	0.71
Diamond	-	1	-	1	-	2.54
Dolomite	1	4	1	4	0.31	1.24
Pyrite	-	1	-	1	-	1.92
Galena	1	37	1	37	0.19	7.09
Garnet	1	-	1	-	1.49	-
Gold	2	81	2	81	0.29	11.78
Granite	1	2	4	8	1.17	2.34
Iron	11	62	11	64	0.28	1.63
Lime stone	9	16	9	21	0.25	0.59
Magnesite	1	2	1	3	0.28	0.85
Manganese	4	7	4	7	0.22	0.39
Mica	1	-	1	-	0.84	-
Oil	9	28	10	28	0.30	0.84
Silica	3	-	6	2	2.30	0.77
Sillimanite	1	5	1	5	0.79	3.93
Steatite	4	1	6	3	1.47	0.73
Stone	9	-	9	1	1.74	0.19
Quartz	1	-	1	-	0.89	-
Wolbam	-	1	-	1	-	5.81
Atomic mineral	1	5	1	5	-	-

Source: Directorate General of Mines Safety, Ministry of Labour

Table 24.19 - INDUSTRIAL DISPUTES

Year/States/ Union Territories	No. of disputes	No. of workers involved	No. of mandays lost
1	2	3	4
<b>All India</b>			
1991	1810	1342022	26428092
1992	1714	1252225	31258744
1993	1393	953867	20300653
1994	1201	846429	20983082
1995	1066	989695	16289569
1996	1166	939304	20284803
<b>1996 States:</b>			
Andhra Pradesh	286	389521	2138193
Arunachal Pradesh	1	685	2055
Assam	29	33590	225072
Bihar	31	4537	282010
Goa	8	3136	124241
Gujarat	146	126393	1832952
Haryana	29	8186	196532
Himachal Pradesh	-	-	-
Jammu & Kashmir	2	2332	41080
Karnataka	34	20456	912970
Kerala	42	47767	1450752
Madhya Pradesh	38	45145	350201
Maharashtra	80	21005	1822704
Manipur	4	1700	103118
Meghalaya	-	-	-
Mizoram	-	-	-
Nagaland	-	-	-
Orissa	34	6750	234316
Punjab	24	26165	439018
Rajasthan	58	36880	641261
Sikkim	-	-	-
Tamil Nadu	171	44924	1463663
Tripura	1	700	700
Uttar Pradesh	39	14346	683913
West Bengal	96	95758	7276734
<b>Union Territories:</b>			
A. & N. Islands	-	-	-
Chandigarh	-	-	-
D. and N. Haveli	-	-	-
Delhi	13	1328	33318
Daman & Diu	-	-	-
Lakshadweep	-	-	-
Pondicherry	-	-	-

Source: Labour Bureau, Ministry of Labour

Note: the figures relate to disputes resulting in work-stoppages involving 10 workers or more)

**Table 24.20- INDUSTRIAL DISPUTES BY CAUSES**

Year	Wages and allowances	Bonus	Personnel	Retrenchment	Leave & hours of work/ shift working	Indiscipline & violence	Others	Not known	Total no. of disputes
1	2	3	4	5	6	7	8	9	10
1991	435	70	270	39	18	335	605	38	1810
1992	387	134	265	29	28	373	465	33	1714
1993	362	94	254	21	23	272	326	41	1393
1994	354	92	194	19	17	202	302	21	1201
1995	320	79	195	10	21	159	253	29	1066
1996	284	96	213	10	21	212	283	47	1166

Source: Labour Bureau, Ministry of Labour

**Table 24.21 - WORKMEN'S COMPENSATION**

Year	Number of compensated injuries				Amount of compensation paid (Rs. lakh)			
	Death	Disability		Total	Death	Disability		Total
		Perma- nent	Tempo- rary			Perma- nent	Tempo- rary	
1	2	3	4	5	6	7	8	9
1991	1409	1538	10597	13544	720.86	246.39	103.69	1070.94
1992	1503	1365	7377	10245	807.43	233.36	113.55	1154.34
1993	474	237	3027	3738	172.83	64.07	71.42	308.32
1994	545	418	3373	4336	281.04	100.03	36.92	417.99
1995	231	151	892	1274	157.82	48.55	9.01	215.37

Source: Labour Bureau, Ministry of Labour

Note: Figures relate to compensation of injuries under Workman's Compensation Act.



**Table 24.22-EMPLOYMENT IN INSURANCE**

('000 number)

Year	Life Insurance	General Insurance	Total
1	2	3	4
1990-91	96.3	80.2	176.5
1991-92	104.5	83.6	188.1
1992-93	114.9	86.7	201.6
1993-94	123.7	86.3	210.0
1994-95	121.4	84.6	206.0
1995-96	125.7	84.7	210.4
1996-97	126.6	85.3	211.9

Sources: 1. Life Insurance Corporation of India  
2. General Insurance Corporation of India

**Table 24.23-EMPLOYMENT IN BANKS**

('000 number)

Year	Scheduled banks				Non-scheduled banks		Regional Rural banks		Reserve Bank of India	Grand Total
	No. of banks		No. of employees		No. of banks	No. of employees	No. of banksemployees	No. of employ-	No. of employees	
	Indian	Foreign	Indian	Foreign						
1	2	3	4	5	6	7	8	9	10	11
1990-91	50	19	912	11	3	0.6	196	66	34	1023.6
1991-92	51	23	917	13	4	..	196	66	33	..
1992-93	51	23	926	13	4	..	196	67	33	..
1993-94	52	23	946	13	4	..	196	67	33	..
1994-95	62	27	950	13	3	..	196	..	33	..
1995-96	61	33	954	14	..	..	..	..	33	..

Source: Reserve Bank of India

Note: Reserve Bank data from 1991-92 onwards are as on 31st December of the year stated.

**Table 24.24-EMPLOYMENT IN PORTS**  
(Employment in Major and Intermediate Ports)

	(number)						
Maritime/States	1991	1992	1993	1994	1995	1996	1997
1	5	6	7	8	9	10	11

**Major Ports**  
(as on 31st December)

Calcutta (1)	23394	21292	19808	19296	18051	17367	16548
Paradip	4811	4834	4996	5241	4113	4229	4294
Visakhapatnam	11314	10227	10082	9772	9626	9450	9399
Chennai	11361	10318	10271	10357	10399	10314	10244
New Tuticorin	2268	2250	2054	1998	2152	1941	2034
Cochin	5533	5546	5546	5502	4872	4872	4470
New Mangalore	1330	1337	2401	2311	2303	2275	2260
Mormugao	3582	3668	3257	3612	3607	3588	3548
J.L. Nehru	1187	1386	1507	1513	1549	1539	1550
Mumbai	28199	27327	25063	34696	32893	32789	33460
Kandla	4976	4927	4677	4740	4451	4107	4470
Total	97955	93112	89662	99038	94016	92471	92277

**Minor & Intermediate Ports in the Maritime States**  
(as on 31st March)

	1989	1990	1991	1992	1993	1994
Andhra Pradesh	619	122	115	120	123	123
Tamil Nadu	376	264	264	264	261	301
Pondicherry	75	120	119	119	114	119
Karnataka	135	154	257	297	297	297
Kerala	930	930	1349	1349	1345	1331
Maharashtra	230	230	230	230	234	235
Gujarat	4601	4601	4601	4601	4601	4601
Goa	160	160	145	150	168	168
Andaman Group	..	..	1643	1663	1663	1663
Lakshadweep Group	106	133	131	131	131	131
Daman & Diu	9	8	7	8	22	22
Orissa	189	189	189	189	183	183
Total	7430	6911	9050	9121	9142	9174

Source: Directorate General of Commercial Intelligence & Statistics, Ministry of Commerce

(1) Includes Haldia dock.

Note: Figures for Major Ports do not include class I and II officers.

**Table 24.24-EMPLOYMENT IN PORTS - Concl'd.**  
**(No. of Dock workers registered with Dock Labour Board at Major Ports)**

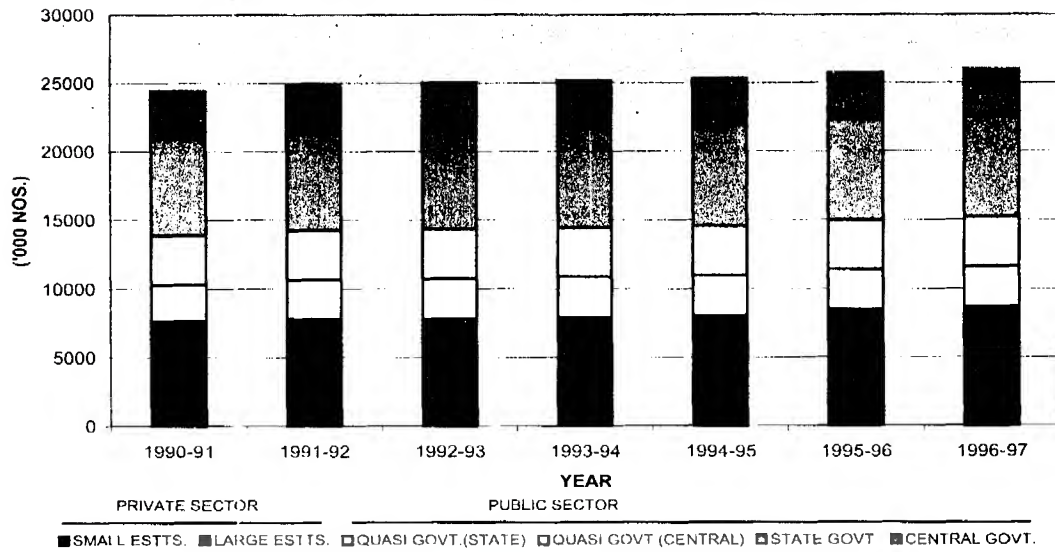
	(number)						
Major Ports	1991	1992	1993	1994	1995	1996	1997
1	5	6	7	8	9	10	11
Kandla	913	897	984	953	960	943	923
Mumbai	8137	6849	7051	#	#	#	#
Mormugao	935	902	821	807	745	811	598
Cochin	581	683	584	548	529	529*	484
Chennai	1306	1108	1890	1143	1092	1186	1803\$
Visakhapatnam	611	706	739	732	610	563	2037\$
Calcutta	5272	4169	3907	3019	3304	2677	2064
Total	17755	15314	15976	7202	6711	6589	7909

Source : Transport research wing, Ministry of Surface Transport

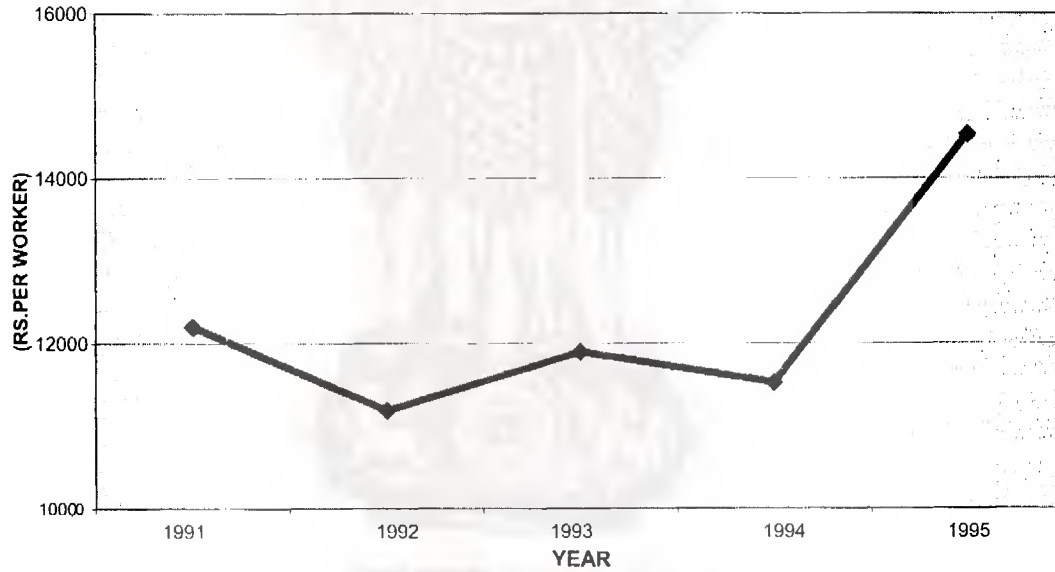
- # Bombay Dock Labour Board merged with Mumbai Port.  
 \$ Includes other workers also.



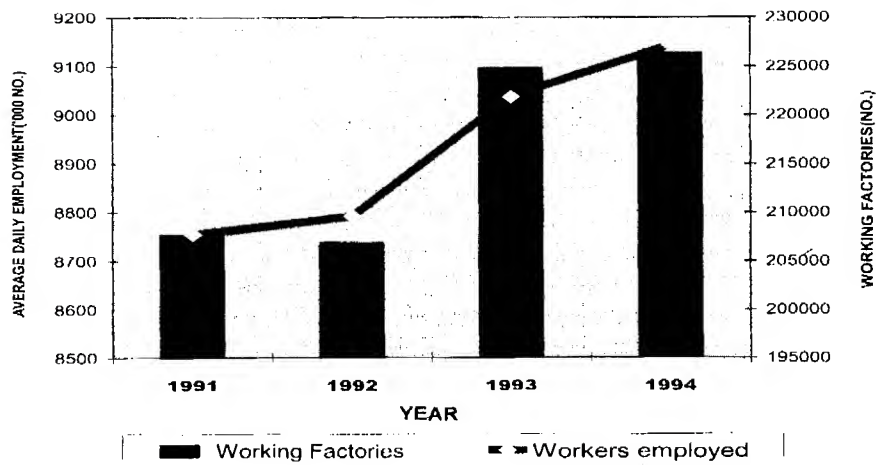
### EMPLOYMENT IN PUBLIC AND PRIVATE SECTORS



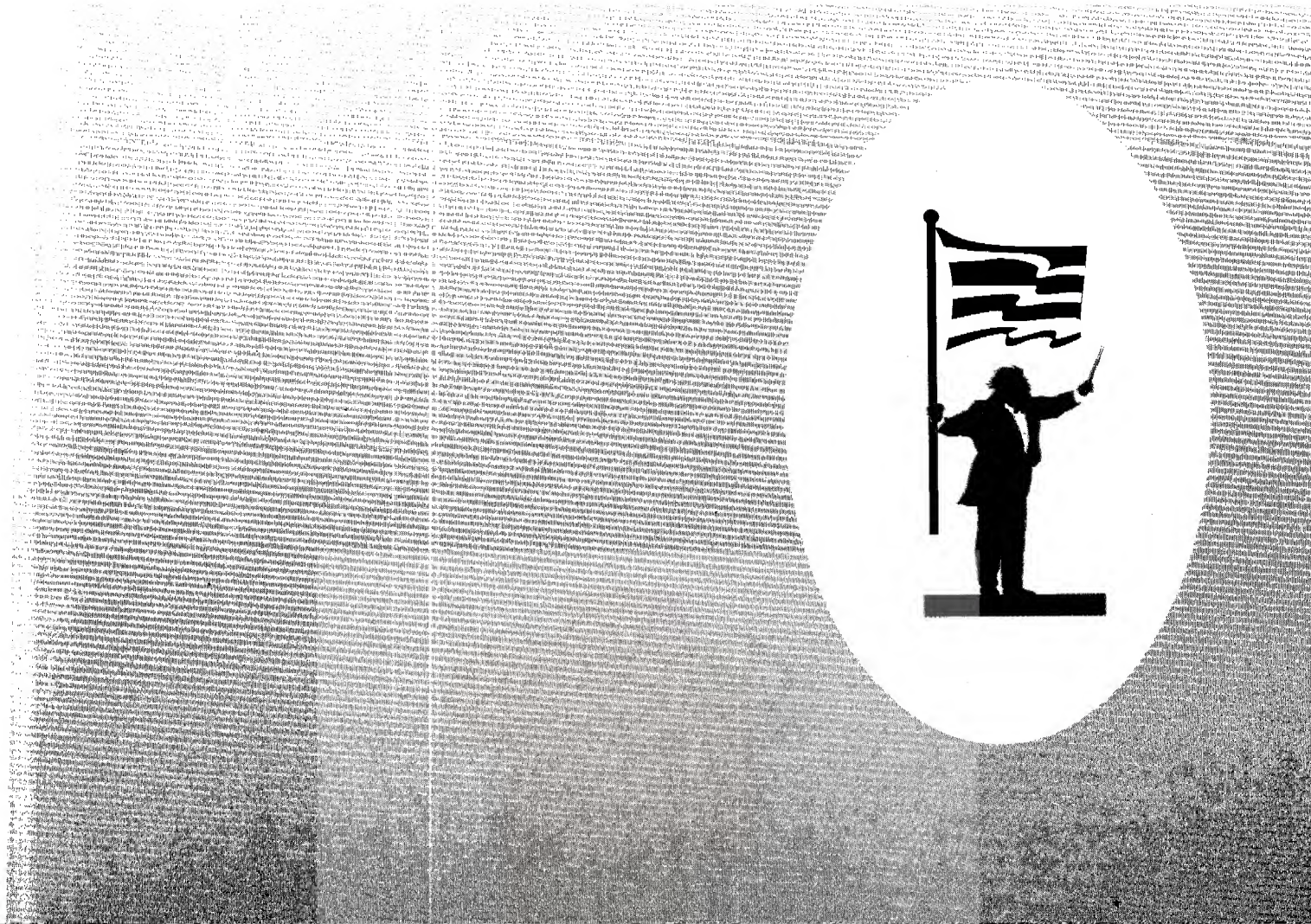
### AVERAGE PER CAPITA ANNUAL EARNINGS OF FACTORY EMPLOYEES



### FACTORY EMPLOYMENT









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## CHAPTER 25

### Trade Unions

Table 25.1 to 25.4

Figures given in this section are based on the annual returns relating to calendar years received from the State Governments and Union Territories under the Indian Trade Unions Act, 1926. The Act applies to the entire Indian Union. The figures do not include Lakshadweep.

The statistics relate to only those unions which have been registered under the Act. It is not obligatory on trade unions to secure registration under the Indian Trade Unions Act. Even among registered ones, the response of the unions submitting annual returns is generally less than fifty percent. Data regarding unregistered unions are not available.



Table 25.1-NUMBER, MEMBERSHIP, INCOME, EXPENDITURE AND FUNDS OF REGISTERED TRADE UNIONS

Year/States/ Union Territories	Number of trade unions			Membership at the end of the year ('000)			Income incl. balance carried over from prev- ious year (Rs.lakh)	Expen- diture (Rs. lakh)	Balance of funds at the close of the year (Rs.lakh)
	Regist- ered	Submi- ting returns	Percent- age response	Workers' Unions	Employ- ers' Unions	All Unions			
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1991(P)	53535E	8418	36.5	6094	6	6100	7090	2414	4676
1992(P)	55680E	9165	26.3	5739	8	5746	6887	2581	4306
1993(P)	55784E	6806	12.2	3129	5	3134	2435	1326	1109
<b>1993</b>									
<b>States:</b>									
Andhra Pradesh	4409E	..	..	..	..	..	..	..	..
Assam	451E	..	..	..	..	..	..	..	..
Bihar	1960E	..	..	..	..	..	..	..	..
Goa	150	88	58.7	71	-	71	72	45	27
Gujarat	1688E	..	..	..	..	..	..	..	..
Haryana	1139	355	31.2	229	-	229	125	48	77
Himachal Pradesh	154E	..	..	..	..	..	..	..	..
Jammu & Kashmir	..	..	..	..	..	..	..	..	..
Karnataka	3635	1052	28.9	610	2	612	347	157	191
Kerala	9937	1537	15.5	697	..	697	287	200	87
Madhya Pradesh	905E	..	..	..	..	..	..	..	..
Maharashtra	5933E	..	..	..	..	..	..	..	..
Manipur	133	107	80.5	19	\$	19	24	16	7
Meghalaya	36E	..	..	..	-	..	..	..	..
Nagaland	14E	..	..	..	..	..	..	..	..
Orissa	1430	153	10.7	90	-	90	70	31	39
Punjab	1902	408	21.5	362	\$	362	78	50	28
Rajasthan	2694	264	9.8	239	\$	239	103	55	48
Tamil Nadu	5791	2842	49.1	812	1	813	1329	724	606
Tripura	109E	..	..	..	..	..	..	..	..
Uttar Pradesh	2018E	..	..	..	..	..	..	..	..
West Bengal	9212E	..	..	..	..	..	..	..	..
<b>Union Territories:</b>									
A & N. Islands	102E	..	..	..	..	..	..	..	..
Chandigarh	186E	..	..	..	..	..	..	..	..
Delhi	1625E	..	..	..	..	..	..	..	..
Pondicherry	171E	..	..	..	..	..	..	..	..

Source: Labour Bureau, Ministry of Labour

E : Estimated

\$ : Less than 500

- Notes : 1. Percentage response shown in col.4 have been calculated on the basis of returns received.  
It does not take into account the States for which returns are not received.
2. The figures have been rounded off so the totals may not tally.
3. The notes on the last page of Table 25.2 may also be referred.

Table 25.2 - NUMBER OF REGISTERED TRADE UNIONS

Year/Central/ State Union	Workers' Unions		Employers' Unions		All Unions	
	On register	Submitting returns	On register	Submitting returns	On register	Submitting returns
1	2	3	4	5	6	7
<b>All India</b>						
1991(P)	52773E	8351	762E	67	53535E	8418
1992(P)	54885E	9073	795E	92	55680E	9165
1993(P)	54969E	6776	815E	30	55784E	6806
<b>1993</b>						
<b>Central Union:</b>	3868E	739	4E	-	3872E	739
Andhra Pradesh	..	..	..	..	E	..
Assam	-	-	-	-	-	-
Bihar	28E	..	4E	..	32E	..
Goa	29	24	-	-	29	24
Gujarat	45E	..	-	-	45E	..
Haryana	28	15	-	-	28	15
Himachal Pradesh	..	..	..	..	..	..
Jammu & Kashmir	..	..	..	..	..	..
Karnataka	-	-	-	-	-	-
Kerala	506	145	-	-	506	145
Madhya Pradesh	..	..	..	..	E	..
Maharashtra	629E	..	-	-	629E	..
Manipur	-	-	-	-	-	-
Meghalaya	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..
Orissa	105	13	-	-	105	13
Punjab	2	-	-	-	2	-
Rajasthan	@	9	-	-	-	9
Tamil Nadu	1958	533	-	-	1958	533
Tripura	..	..	..	..	..	..
Uttar Pradesh	208E	..	..	..	208E	..
West Bengal	159E	..	..	..	159E	..
A. & N. Islands	11E	..	..	..	11E	..
Chandigarh	22E	..	..	..	22E	..
Delhi	138E	..	..	..	138E	..
Pondicherry	-	..	-	..	E	..

For notes and footnotes, please see next page.



Table 25.2-NUMBER OF REGISTERED TRADE UNIONS-Concl'd.

Year/Central/ State Union	Workers' Unions		Employers' Unions		All Unions	
	On register	Submitting returns	On register	Submitting returns	On register	Submitting returns
1	2	3	4	5	6	7
<b>1993</b>						
<b>State Union:</b>	51101E	6037	811E	30	51912E	6067
Andhra Pradesh	4409E	..	..	..	4409E	..
Assam	451E	..	..	-	451E	..
Bihar	1902E	..	26E	..	1928E	..
Goa	121	64	-	-	121	64
Gujarat	1580E	..	63	..	1643E	..
Haryana	1100	340	11E	-	1111	340
Himachal Pradesh	143E	..	11E	..	154E	..
Karnataka	3614	1032	21	20	3635	1052
Kerala	9347	1392	84	..	9431	1392
Madhya Pradesh	903E	..	2E	..	905E	..
Maharashtra	5201E	..	103E	..	5304E	..
Manipur	128	104	5	3	133	107
Meghalaya	36E	..	-	-	36E	..
Nagaland	12E	..	2E	..	14E	..
Orissa	1314	140	11	-	1325	140
Punjab	1851	405	49	3	1900	408
Rajasthan	2693	255	1	1	2694	256
Tamil Nadu	3829	2305	4	3	3833	2308
Tripura	106E	..	3E	..	109E	..
Uttar Pradesh	1786E	..	24E	..	1810E	..
West Bengal	8806E	..	247E	..	9053E	..
A. & N. Islands	91E	..	-	..	91E	..
Chandigarh	162E	..	2E	..	164E	..
Delhi	1345E	..	142E	..	1487E	..
Pondicherry	171E	..	-	..	171E	..

Source: Labour Bureau, Ministry of Labour

E Estimated

## Notes:

1. Data exclude Andhra Pradesh, Bihar, Himachal Pradesh, Jammu & Kashmir, Kerala, Madhya Pradesh, Nagaland, Tripura, Uttar Pradesh, West Bengal, A & N Islands, Chandigarh, Delhi and Pondicherry for the year 1991.
2. Data exclude Andhra Pradesh, Bihar, Himachal Pradesh, Madhya Pradesh, Tripura, Uttar Pradesh, West Bengal, A & N Islands, Chandigarh, Delhi and Pondicherry for the year 1992.
3. Data excludes A.P., Assam, Bihar, Gujarat, H.P., M.P., Maharashtra, Meghalaya, Nagaland, Tripura, U.P., West Bengal, A & N Islands, Chandigarh and Pondicherry for the year 1993.
4. The membership figures have been rounded-up to thousands, so the totals may not necessarily tally.

**Table 25.3-NUMBER OF WORKERS' AND EMPLOYERS' UNIONS SUBMITTING RETURNS  
AND THEIR MEMBERSHIP BY INDUSTRIES**

(membership in thousand)

	1991(P)		1992(P)		1993(P)	
	No.	Membership	No.	Membership	No.	Membership
1	2	3	4	5	6	7
0 Agriculture, hunting, forestry and fishing	344(3)	463\$	381(3)	458\$	357	255
00 Agricultural production	108(3)	315\$	111(3)	240\$	60	98
05 Forestry and logging	31	24	26	8	..	..
06 Fishing	18	3	15	4	..	..
1 Mining and quarrying	148	127	179	154	127	94
10 Coal mining	21	26	11	57	1	\$
19 Other mining	29	16	29	12	12	7
2-3 Manufacturing	3268(8)	1884(1)	3479(14)	2014(2)	3228(9)	1299(2)
20-21 Manufacture of food products	452	174	469(1)	157\$	448	163
201 Manufacture of dairy products	64	17	71	14	36	5
202 Canning and preservation of fruits and vegetables	5		16	2	..	..
204 Grain mill products	40	5	29(1)	3	14	2
205 Manufacture of bakery products	12	3	23	4	19	3
206 Manufacture and refining of sugar (vacuum pan sugar factories)	226	105	92	82	50	12
219 Manufacture of food-product not elsewhere classified	9	3	7	1	9	4
22 Manufacture of beverages, tobacco and tobacco products	118	90	143	107	169(4)	102(2)
23 Manufacture of cotton textiles	697(5)	744(1)	683(5)	787(1)	666	252
24 Manufacture of wool, silk and sunthetic fibre textiles	131	127	139	129	83	36
25 Manufacture of jute, hemp and mesta textiles	10	2	14	3	29	42
26 Manufacture of textile products (including wearing apparel other than footwear)	44	20	36	17	48	20
27 Manufacture of wood and wood products, furniture and fixture	62	14	71	15	90	11
28 Manufacture of paper and paper products and printing, publishing and allied industries	252	71	257	54	192	28
29 Manufacture of leather and leather products (except repair)	51	12	59	11	39	10
30 Manufacture of rubber, plastic, petroleum and coal products	200	57	212	53	187	38
31 Manufacture of chemicals and chemical products (except products of petroleum and coal)	190(2)	77\$	229(4)	79\$	176(5)	40\$
32 Manufacture of non-metallic mineral products	208	79	239(2)	134\$	198	103
33 Basic metal and alloys industries	160	64	159	109	134	53
34 Manufacture of metal products and parts, except machinery and transport equipments	111(1)	42(\$)	110(1)	40(\$)	109	37
35 Manufacture of machinery, machine tools and parts except electrical machinery	286	159	286	149	264	144
36 Manufacture of electrical machinery, apparatus, appliances, supplies and parts	171	76	172	75	204	126

For notes and footnotes, please see last page of table no. 25.2.

**Table 25.3-NUMBER OF WORKERS' AND EMPLOYERS' UNIONS SUBMITTING RETURNS  
AND THEIR MEMBERSHIP BY INDUSTRIES**

(membership in thousand)

	1991(P)		1992(P)		1993(P)	
	No.	Membership	No.	Membership	No.	Membership
1	2	3	4	5	6	7
37 Manufacture of transport equipment and parts	87	65	108	61	68	43
38 Other manufacturing industry	37	9	71	21	94	38
			(1)	\$		
4 Electricity, gas and water	218	298	214	327	140	165
40 Electricity	173	285	168	316	105	150
41 Gas and Steam	2	\$	5	\$	3	\$
42 Water works and supply	43	13	41	10	32	15
5 Construction	259(2)	123(\$)	286(2)	76(\$)	235	119
6 Wholesale and retail trade, restaurants and hotels	402(19)	123(3)	451(22)	127(3)	485(5)	116(2)
60 Wholesale trade in food, textiles, live-animals, beverages and intoxicants	43(3)	5(\$)	66(4)	17(\$)	34	4
7 Transport, storage and communications	1098(9)	1255(\$)	1201(9)	880(1)	967(4)	485(\$)
700 Railway transport	27	670	26	360	7	97
701 Passenger transport by tramway and bus services	294	199	309	176	121(3)	97(\$)
702 Passenger transport by motor vehicles	155(1)	152(\$)	205(3)	112(\$)	156	29
71 Water transport	86	47	130	59	156	114
75 Communications	6	1	12	1		
8 Financing, Insurance, real estate business services	606(1)	432(\$)	690(1)	291(\$)	434(1)	174(\$)
80 Banking and similar type of financial institutions	487(1)	351(\$)	541	253	250	127
81 Provident and insurance	67	70	77	23	97	31
9 Community, social and personal services	1115(5)	462(\$)	1118(9)	453(1)	681(1)	371(\$)
90 Public administration and defence services	458	307	508	191	205	176
91 Sanitary services	123	38	126	22	47	18
96 Personal services	27(1)	12(\$)	20(1)	67(\$)	42	86
X Activities not adequately defined	893(20)	927(1)	1074(32)	958(2)	122(10)	51(\$)
Y Repair services if not included under major group	97	..	..	..	..	..
<b>Grand Total</b>	<b>8351(67)</b>	<b>6094(6)</b>	<b>9073(92)</b>	<b>5739(8)</b>	<b>6776(30)</b>	<b>3129(5)</b>

Source: Labour Bureau, Ministry of labour

\$ Less than 500.

Note: figures are as per National Industrial Classification, 1987.

For other notes and footnotes, please see last page of table no. 25.2.



**Table 25.4-GENERAL FUNDS OF REGISTERED TRADE UNIONS  
(i) WORKERS' UNIONS**

(Rs. '000)

Year/Central/ State Union	No. of unions submitting returns	Opening balance	Income	Expenditure	Closing balance
1	2	3	4	5	6
<b>All India</b>					
1991(P)	8351	392298	315620	240924	466998
1992(P)	9073	359353	324412	255162	428602
1993(P)	6776	105341	137115	131962	110493
<b>1993</b>					
<b>Central Union:</b>	739	31866	25145	33462	23551
Andhra Pradesh	..	..	..	..	..
Assam	..	..	..	..	..
Bihar	..	..	..	..	..
Goa	24	357	775	741	392
Gujarat	..	..	..	..	..
Haryana	15	650	563	542	671
Himachal Pradesh	..	..	..	..	..
Karnataka	..	..	..	..	..
Kerala	145	1683	2779	2454	2009
Madhya Pradesh	..	..	..	..	..
Maharashtra	..	..	..	..	..
Manipur	..	..	..	..	..
Meghalaya	..	..	..	..	..
Orissa	13	1747	1215	1248	1714
Punjab	..	..	..	..	..
Rajasthan	9	1730	1388	1437	1681
Tamil Nadu	533	25699	18425	27040	17084
Tripura	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
A. & N. Islands	..	..	..	..	..
Chandigarh	..	..	..	..	..
Delhi	..	..	..	..	..
Pondicherry	..	..	..	..	..

For notes and footnotes, please see page No.329

**Table 25.4-GENERAL FUNDS OF REGISTERED TRADE UNIONS - Contd.**  
**(i) WORKERS' UNIONS**

(Rs. '000)

Year/Central/ States/Union Territories	No. of unions submitting returns	Opening balance	Income	Expenditure	Closing balance
1	2	3	4	5	6
<b>1993</b>					
<b>States/Union Territories:</b>	<b>6037</b>	<b>73475</b>	<b>111970</b>	<b>98501</b>	<b>86942</b>
Andhra Pradesh	..	..	..	..	..
Assam	..	..	..	..	..
Bihar	..	..	..	..	..
Goa	64	1756	4280	3744	2293
Gujarat	..	..	..	..	..
Haryana	340	6252	5050	4274	7028
Himachal Pradesh	..	..	..	..	..
Karnataka	1032	11171	22774	15168	18774
Kerala	1392	6030	18183	17543	6670
Madhya Pradesh	..	..	..	..	..
Maharashtra	..	..	..	..	..
Manipur	104	656	1696	1607	745
Meghalaya	..	..	..	..	..
Nagaland	..	..	..	..	..
Orissa	140	2110	1969	1900	2179
Punjab	405	3260	4405	4938	2727
Rajasthan	255	2451	4682	4050	3083
Tamil Nadu	2305	39789	48931	45277	43443
Tripura	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
A. & N. Islands	..	..	..	..	..
Chandigarh	..	..	..	..	..
Delhi	..	..	..	..	..
Pondicherry	..	..	..	..	..

**Table 25.4-GENERAL FUNDS OF REGISTERED TRADE UNIONS - Concl'd.**  
**(i) EMPLOYERS' UNIONS**

(Rs. '000)

Year/Central/ States/Union Territories	No. of unions submitting returns	Opening balance	Income	Expenditure	Closing balance
1	2	3	4	5	6
<b>All India</b>					
1991(P)	67	458	516	364	609
1992(P)	92	1263	3683	2932	2014
1993(P)	30	312	733	631	415
<b>1993</b>					
<b>States/Union Territories:</b>	30	312	733	631	415
Andhra Pradesh	..	..	..	..	..
Assam	-	-	-	-	-
Bihar	..	..	..	..	..
Goa	-	-	-	-	-
Gujarat	..	..	..	..	..
Haryana	-	-	-	-	-
Himachal Pradesh	..	..	..	..	..
Karnataka	20	214	589	502	302
Kerala	..	..	..	..	..
Madhya Pradesh	..	..	..	..	..
Maharashtra	..	..	..	..	..
Manipur	3	3	20	19	4
Meghalaya	-	-	-	-	-
Nagaland	..	..	..	..	..
Orissa	-	-	-	-	-
Punjab	3	45	66	55	56
Rajasthan	1	5	12	17	-
Tamil Nadu	3	45	46	38	53
Tripura	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..
West Bengal	..	..	..	..	..
A. & N. Islands	..	..	..	..	..
Chandigarh	..	..	..	..	..
Delhi	..	..	..	..	..
Pondicherry	..	..	..	..	..

Source: Labour Bureau, Ministry of Labour

## Notes:

1. Financial statistics of different years are not comparable due to different coverage in various years. Therefore closing balance for the year may not tally with the opening balance of the next year. Besides these data relate to the registered trade unions which have submitted statutory returns.
2. Totals may not tally due to rounding off of the figures.
3. The notes on the last page of Table 25.2 may also be referred.

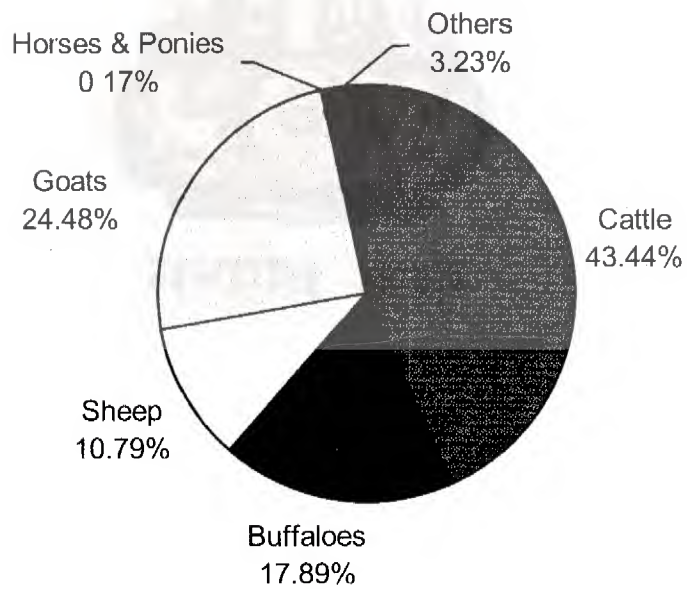


## PRODUCTION OF MILK

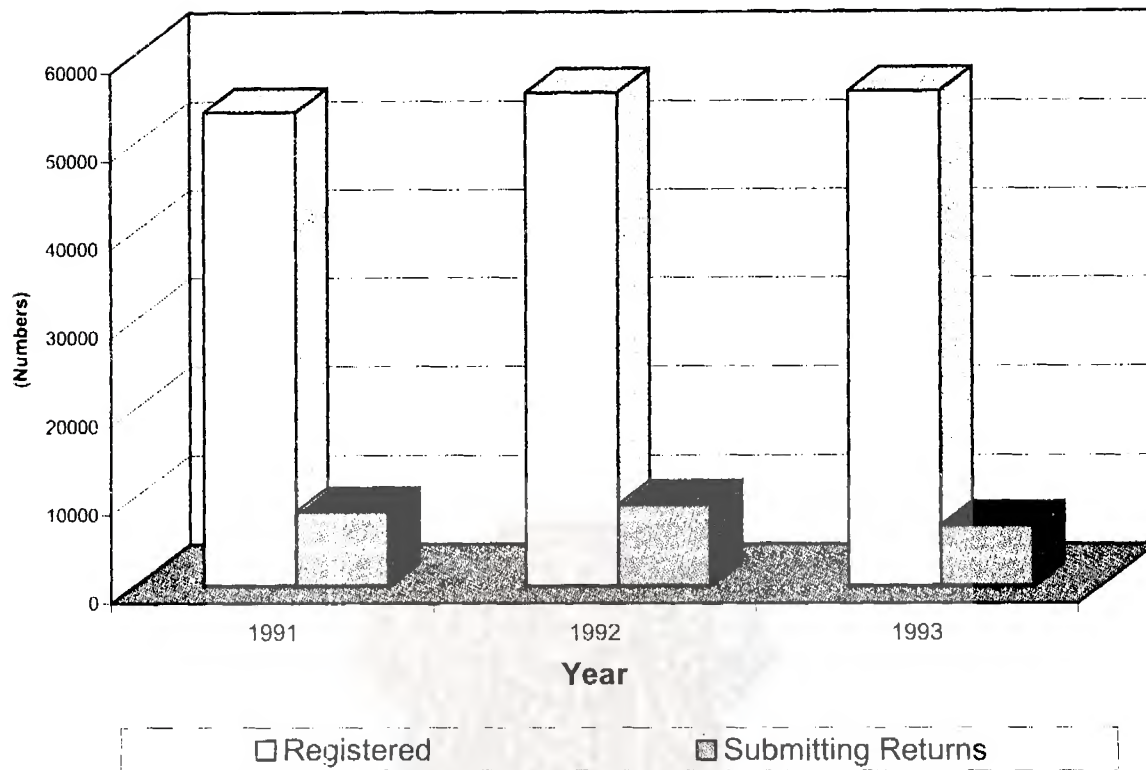
'000 Tonnes  
(1994-95)



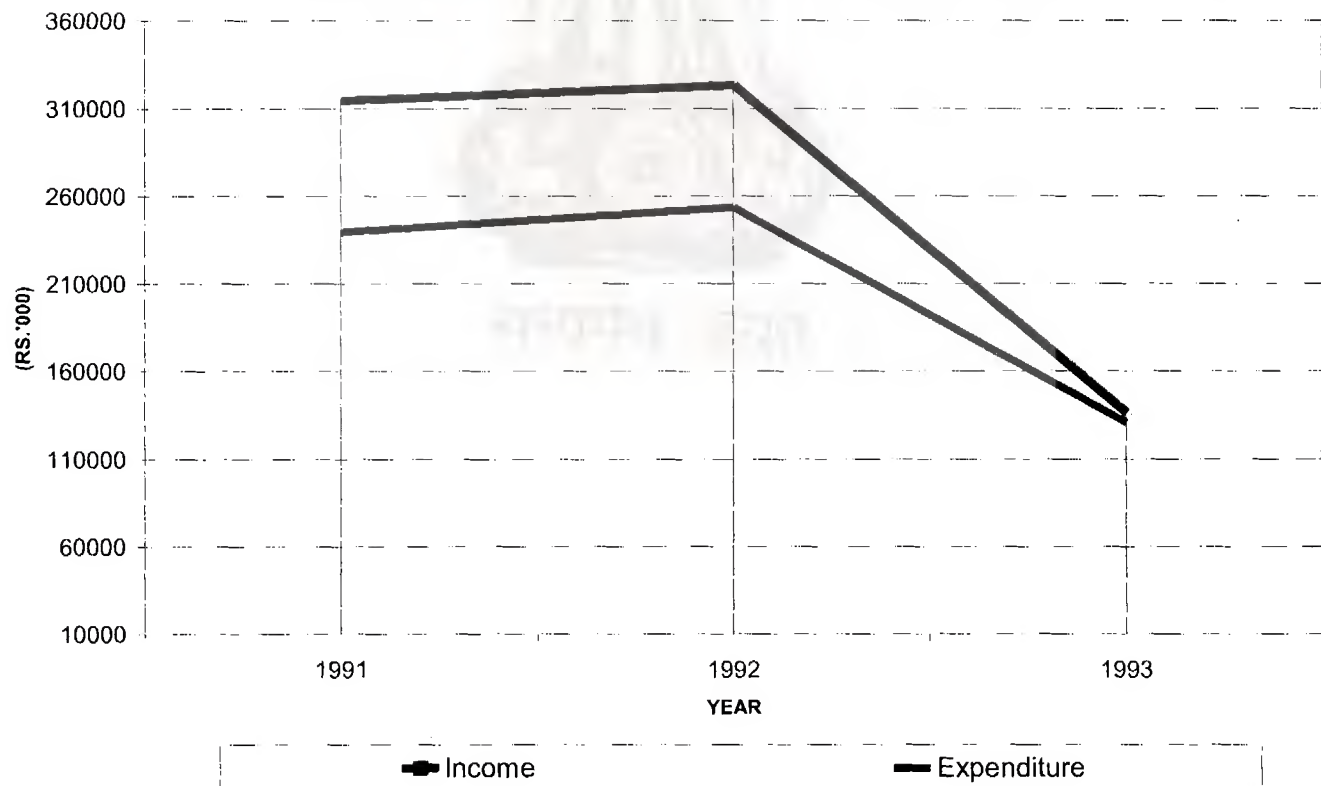
## COMPOSITION OF LIVESTOCK (1992)



### REGISTERED TRADE UNIONS IN INDIA



### INCOME & EXPENDITURE OF REGISTERED TRADE UNIONS







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## CHAPTER 26

### Prices

**T**his section presents statistics of the following items relating to prices

- (i) Index number of wholesale prices;
- (ii) Index number of consumer prices for
  - (a) Industrial workers,
  - (b) Urban non-manual employees and
  - (c) Agricultural labourers;
  - (d) Rural labourers
- (iii) Index number of security prices;
- (iv) Spot prices of gold and silver at Bombay.

Office of the Economic Adviser to the Government of India in the Ministry of Industry has been publishing the Index Number of Wholesale Prices with effect from January 10, 1942 onwards. The Consumer Price Index Numbers for Industrial Workers and for Agricultural Labourers and Rural Labourers are computed by the Bureau, Ministry of Labour and are published in their monthly publication "Indian Labour Journal" and annual publication "Indian Labour Statistics". Index Number of Consumer Prices for Urban Non-manual Employees are prepared by the Central Statistical Organisation and published in the monthly publication 'Monthly Abstract of Statistics'. The Index Numbers of Security Prices in India and spot prices of gold and silver at Bombay are computed by the Reserve Bank of India and are published in their monthly publication 'Reserve Bank of India Bulletin'.



**Table 26.1**

This table provides data in respect of the revised (current) series of Index Numbers of Wholesale Prices in India with base 1981-82=100. This series was introduced with effect from July, 1989 on the basis of the recommendations of Working Group on Revision of Index Numbers of Wholesale Prices in India under the Chairmanship of Dr. C. Rangarajan, Dy. Governor, Reserve Bank of India. This revised series replaced the hitherto operated Wholesale Price Index Series which had 1970-71 as its base year.

All the important items transacted in the economy have been included to the extent feasible. The revised series has a substantially enlarged coverage in terms of both the number of commodities and the number of varieties/grades and markets thereof. The revised series includes as many as 447 individual items and 2371 price quotations under the three major groups, namely, (1) Primary Articles (93 item and 519 quotations), (2) Fuel, Power Light & Lubricants (20 items and 73 quotations), and (3) Manufactured Products (334 items and 1779 quotations).

The coverage of items has been rationalised in the revised series by incorporating important and newly emerging items, deleting unimportant ones; splitting certain items into important grades and treating each grade as a separate item; and amalgamating less important items with the akin ones. Certain distinct improvements have also been effected in the design of the weighting pattern for the revised series. Firstly, the value of output of the unorganised/unregistered manufacturing sector has also been considered in the revised series (Base 1981-82) as against only the value of output of the organised sector used in the case of the 1970-71 series. Secondly, the revised series has mostly used the marketed surplus of agricultural commodities in place of the marketable surplus ratios applicable in the case of the base 1970-71 series. Thirdly, these marketed surplus ratios relate to the base year (1981-82) for the revised series as against the ratios pertaining to 1950s and early 1960s for the base 1970-71 series.

### **Weighting Diagram :-**

The weighting diagram has been prepared on the basis of the entire volume of transactions in the economy. The value of non-selected commodities has been allocated to those selected items whose nature and price trends are similar.

Within 'Primary Articles', individual commodities have been assigned weights on the basis of the average value of output during the triennium ending 1981-82. However, in the case of 'Manufactured Products' and 'Fuel, Power, Light & Lubricants', the data on value of production as per Annual Survey of Industries, 1980-81 has been used for allotment of weights.

In the revised series 'Primary Articles' has sharply declined while that of 'Manufactured Products' has gone up considerably. This situation has arisen as a consequence of a relatively slower growth in the agriculture sector, particularly, 'Food Articles', as compared to manufacturing and also due to the inclusion of value of production of the unorganised manufacturing sector in the case of manufactured products.

### **Collection of Prices :-**

Weekly price quotations for the prescribed varieties on or about each Friday are collected. As regards the nature of price quotations, they represent wholesale transactions in the primary markets for agricultural commodities and generally ex-works, ex-mine and F.O.R. destination prices for non-agricultural items. The ex-works, ex-mine and F.O.R. prices normally correspond to producers prices rather than to wholesale prices and are inclusive of central excise duty but exclusive of sales tax and other levies. There is no change in the system of price collection between the previous series and the revised series.

### **Method of calculation :-**

The current series is calculated on the principle of weighted arithmetic mean as in the previous series. The



price relatives are calculated as the percentage ratios which current prices bear to those prevailing in the base period. In other words, the price relative for each variety/quotation is calculated by dividing the current price by the corresponding base period (1981-82) price and multiplying the resulting figure by 100. The commodity index is arrived at as the simple arithmetic average of the price relatives of varieties/quotations selected for that commodity. The indices for the sub-groups/groups/major groups of commodities are in turn, worked out as the weighted arithmetic mean of the indices of the items/sub-groups/groups falling under their respective heads.

#### Linking factor :-

In order to maintain continuity in the time series data on wholesale price index, it is necessary to provide a linking factor so that the new series can be compared with the old series. There are several methods available for linking a new wholesale price index (WPI) series with an old one. Some of the most common and widely used methods among these are:-

- (a) Arithmetic conversion method.
- (b) Ratio method and
- (c) Regression method

Out of these three methods, the arithmetic conversion method is the simplest to adopt and often, the most convenient method from an operational point of view. The choice of the method to use for linking two different WPI series is left to the data users.

#### Table 26.2

This table presents the Consumer Price Index Number for Industrial Workers on base 1982=100 by various centres. The Labour Bureau is compiling this series on base 1982=100 w.e.f. October 1988 index in respect of 70 important centres belonging to Factory, Mining and Plantation sectors. The weighting diagrams for the compilation of Consumer Price Index Numbers are based on the average consumption expenditure of the working class family as revealed by the Family Income

and Expenditure Survey conducted during 1981-82. Uniform scientific procedure is adopted under the guidance of Technical Advisory Committee on Statistics of Prices & Cost of Living (TAC on SPCL). The selection of markets, shops and outlets for the collection of retail price data at each of the centres, was made on the basis of their popularity among the working class population after making on the spot investigations in collaboration with the respective State Govts. and representatives of employers and employees. The weighting pattern was derived at the centre-level and monthly indices are compiled every month. The weight assigned to each centre is determined by taking product of the average consumption expenditure level based on the indices of 70 centres. A weighted average All-India Index is also compiled every month. The weight assigned to each centre is determined by taking product of the average consumption expenditure and number of families represented by a centre as a ratio of sum of such product over all the centres.

For further details regarding scope, methodology, etc., a reference may be made to the January, 1989 issue of the 'Indian Labour Journal'. The monthly indices are also regularly published in the 'Indian Labour Journal'.

#### Table 26.3

The table presents Consumer Price Index Number data on the revised base 1984-85=100, which is based on a family budget of the non-manual employees population conducted during 1982-83 at 59 selected centres of the country. The revised index is being issued from November 1987 onwards. A non-manual employee family for purpose of this survey was defined as one "which derived 50 per cent or more of its income during the reference month from the reference month from the earnings of its members who are gainfully occupied as employees in non-manual work in non-agricultural sectors". These indices, measure the average change in consumer prices over time at a particular centre and cannot be used for the comparison of costliness of costliness of different centres. For details regarding scope and Methodology etc. please

refer to April, 1989 issue of the Monthly Abstract of Statistics published by the Central Statistical Organisation.

#### **Table 26.4 and 26.5**

The tables present Consumer Price Index Number for Agricultural Labourers and Rural Labourers on base 1986-87=100. The Labour Bureau has switched over to this new series of Consumer Price Index Numbers for Agricultural and Rural Labourers on base 1986-97=100 replacing the old series base (1960-61) with effect from November, 1995. The Weighting diagram for the new series base (1986-87=100) for all the 20 States and All India have been derived from the consumer expenditure data based on Central Samples collected by the National Sample Survey Organisation during 38th Round conducted in 1983. For details regarding scope and method of construction reference may be made to the February, 1996 issue of the "Indian Labours Journal" published by the Labour Bureau.

#### **Table 26.6**

The table presents the series of index number of security prices with base 1980-81=100. It is based on 557 scrips generally selected on the basis of their activities in the market and the size of their market value during the base year; and compiled for two different types of securities viz., (1) Govt. and Semi-Govt. securities (2) ordinary shares. Weights in respect of

Government securities are proportional to the amounts outstanding as on March 31, 1981 in respect of all the securities quoted on the three principal stock exchanges at Mumbai, Calcutta and Chennai, whereas weights for group and subgroup indices of ordinary shares are proportional to the aggregate average market value of share capital of all the companies belonging to the group/sub-group and quoted on the respective five stock exchanges at Mumbai, Calcutta, Chennai, Delhi and Ahmedabad as on March 31, 1981. The indices are calculated from the weekly average prices, obtained as the average of daily closing quotations in the weeks ending Saturday for the sample scrips. Average price quotations of scrips during the base year represent the arithmetic mean of daily closing quotations for the whole year. For details regarding the method of compilation of indices for current series with base 1980-81=100, a reference may be made to the article published in the July 1985 issue of R.B.I. Bulletin.

#### **Table 26.7**

This table presents spot prices of gold and silver at Bombay, based on quotations supplied by the Bombay Bullion Association Ltd. Yearly prices are the highest/lowest quoted rates during the financial year upto 1970-71 & highest/lowest of closing quotations from 1975-76 onwards. Average prices are worked out from the closing quotations for working days. The nominal quotations for gold and silver are also included while compiling the figures.

**Table 26.1 - INDEX NUMBERS OF WHOLESALE PRICES IN INDIA  
BY MAJOR GROUPS, GROUPS AND SUB-GROUPS**

(Base: 1981-82=100)

Major Groups/Groups & Sub-Groups	Commodity Weight	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>All Commodities</b>	100.000	182.7	207.8	228.7	247.8	274.7	295.8	314.6	329.8
<b>I. Primary Articles</b>	32.295	184.9	218.3	234.6	250.9	283.2	304.1	328.4	339.5
A. Food Articles	17.386	200.6	241.1	271.0	284.4	312.7	335.7	375.1	388.0
Food Grains	7.917	179.2	216.4	242.4	260.7	293.2	313.0	353.8	362.7
Cereals	6.824	171.5	211.3	240.0	253.2	282.1	299.2	338.6	350.3
Pulses	1.093	227.5	248.5	257.4	308.2	362.8	398.9	448.7	439.6
Fruits & Vegetables	4.089	204.1	252.9	272.6	281.8	289.1	323.9	388.9	362.2
Vegetables	1.291	234.6	259.9	262.4	317.2	319.4	389.2	461.7	374.6
Fruits	2.798	190.0	249.6	277.3	265.4	275.2	293.8	355.3	356.5
Milk	1.961	209.2	236.4	264.8	279.9	307.7	313.8	319.0	343.6
Eggs, Fish & Meat	1.783	194.5	222.8	259.6	292.7	363.3	391.5	409.0	447.4
Condiments & Spices	0.947	284.6	417.7	514.2	447.3	438.6	453.6	514.5	559.2
Other Food Articles	0.689	301.5	274.2	302.2	339.4	385.9	422.2	418.1	568.5
B. Non-Food Articles	10.081	194.2	229.2	228.7	249.1	299.0	321.7	329.8	340.5
Fibres	1.791	174.4	242.1	216.6	251.3	372.8	377.4	340.0	341.8
Oil Seeds	3.861	194.9	234.7	230.2	227.1	265.6	284.6	285.3	293.1
Other Non-Food Articles	4.429	201.6	219.3	232.2	267.4	298.4	331.6	364.4	381.3
C. Minerals	4.828	109.0	113.5	116.1	133.9	143.6	153.5	157.3	162.9
Metalic Minerals	0.231	164.8	191.9	206.5	254.5	290.5	401.6	432.3	450.9
Other Minerals	0.323	194.1	223.3	229.1	222.1	229.8	284.6	293.3	283.9
Petroleum Crude & Natural Gas	4.274	99.6	101.0	102.7	120.7	129.1	130.2	132.1	138.1
<b>II. Fuel, Power, Light and Lubricants</b>	10.663	175.8	199.0	227.1	262.4	280.4	285.4	324.2	365.7
Coal Mining	1.256	232.6	249.9	301.2	346.4	364.0	368.1	416.8	489.0
Mineral Oils	6.666	154.7	179.6	204.1	223.6	235.0	235.2	270.1	301.0
Electricity	2.741	200.9	222.8	249.0	318.3	352.6	369.7	413.2	466.5
<b>III. Manufactured Products</b>	57.042	182.8	203.4	225.6	243.2	268.8	293.1	305.0	317.5
A. Food Products	10.143	181.7	206.3	223.8	246.7	270.5	278.8	297.3	321.3
Dairy Products	0.642	191.5	224.6	260.4	253.6	290.6	323.0	340.7	362.4
Canning & Preserving of Fruits & Vegetables	0.068	169.3	203.8	241.1	254.8	261.9	278.9	278.1	285.0
Canning, Preserving & Processing of Fish	0.126	171.4	183.0	233.6	256.4	244.5	244.5	244.5	244.5
Grain Mill Products	1.530	184.5	213.7	243.2	251.2	266.5	279.9	353.5	351.8
Bakery Products	0.242	165.0	198.6	229.7	240.1	253.2	275.5	312.0	369.8
Sugar, Khandasari and Gur	4.059	152.3	160.1	179.7	237.3	259.0	244.2	251.1	303.9
Manufacture of Common Salt	0.035	166.0	200.4	215.9	236.7	245.1	430.7	541.9	523.9
Cocoa, Chocolate & Sugar Confectionary	0.088	155.9	164.4	180.3	186.2	212.6	234.4	246.4	253.2
Edible Oils	2.445	223.3	265.9	264.9	254.3	279.9	301.6	301.1	299.4



**Table 26.1- INDEX NUMBERS OF WHOLESALE PRICES IN INDIA  
BY MAJOR GROUPS, GROUPS AND SUB-GROUPS-Contd.**

(Base: 1981-82=100)

Major Groups/Groups & Sub-Groups	Commodity Weight	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>III. Manufactured Products-Contd.</b>									
A. Food Products-Contd.									
Oil Cakes	0.432	188.2	225.1	241.0	258.1	298.4	312.9	351.8	361.0
Tea & Coffee Processing	0.236	249.0	301.0	306.3	307.9	371.5	476.1	479.3	473.4
Other Food Products n.e.c.	0.240	169.2	192.5	219.8	224.4	249.3	267.6	289.3	310.0
B. Beverages Tobacco and									
Tobacco Products	2.149	242.1	265.7	293.7	306.6	342.1	373.9	392.9	442.0
Wine Industries	0.099	161.7	163.5	170.9	190.0	328.9	343.7	307.3	310.3
Malt Liquor	0.059	184.9	196.6	206.6	220.1	239.7	285.3	315.4	345.2
Soft Drinks and Carbonated Water	0.066	220.1	276.6	305.3	356.5	390.3	390.5	423.8	430.5
Manufacture of Bidi, Cigarettes, Tobacco and Zarda	1.925	248.8	272.7	302.3	313.5	344.2	377.6	398.6	452.1
C. Textiles	11.545	171.2	188.3	200.7	219.9	256.8	294.6	304.1	310.3
Cotton Textiles	6.093	172.8	197.7	215.4	234.6	281.9	323.1	332.0	342.5
Cotton Yarn	1.232	189.9	233.2	252.7	273.0	369.3	396.7	374.2	386.6
Cotton Cloth (Mills)	3.159	158.8	183.4	200.7	218.1	260.4	297.1	322.6	335.3
Cotton Cloth(Powerloom)	0.906	176.7	197.7	219.0	245.1	255.3	255.1	255.1	255.1
Cotton Cloth(Handloom)	0.740	201.3	203.6	216.6	231.8	255.2	386.2	387.2	398.0
Khadi Cloth	0.056	148.4	148.4	148.9	193.4	351.3	439.1	452.0	459.4
Man Made Textiles	2.921	133.6	143.7	153.5	161.6	168.8	186.6	193.8	195.3
Woollen Textiles	0.339	156.9	166.5	184.4	195.0	222.0	251.3	244.8	263.9
Jute, Hemp & Mesta Textiles	0.689	282.7	283.1	273.1	319.2	350.2	464.3	494.3	439.9
Manu. of Textiles n.e.c	1.503	190.0	198.6	203.5	233.8	291.0	321.4	331.4	354.7
D. Wood and Wood Products	1.198	159.1	161.6	318.2	380.9	421.0	442.0	445.8	513.0
E. Paper and Paper Products	1.988	222.4	261.5	311.4	328.2	330.2	374.0	377.4	370.0
Paper & Pulp	0.808	215.2	247.6	260.3	267.2	280.7	379.0	387.4	366.3
Manufacture of Board Printing and Publishing of Newspapers etc.	0.440	165.5	173.7	177.0	183.8	204.0	229.5	240.8	242.6
F. Leather and Leather Products	0.740	264.1	328.9	447.2	480.5	459.4	454.4	447.6	449.9
G. Rubber and Plastic Products	1.018	224.3	233.9	228.2	245.2	261.8	276.8	281.2	290.5
Tyres and Tubes	1.592	164.9	170.6	186.2	189.9	200.6	235.4	244.0	245.2
Tyres	0.766	153.3	162.3	175.8	183.6	189.8	232.7	239.1	236.4
Tubes	0.697	151.3	160.0	173.2	180.3	185.4	229.3	236.0	233.4
Plastic Products	0.069	173.3	186.0	202.6	217.2	234.0	267.2	270.0	266.1
Other Rubber & Plastic Products	0.442	187.2	188.7	194.4	194.2	194.6	207.6	224.9	233.8
H. Chemicals & Chemical Products	0.384	162.4	166.1	197.4	197.6	228.9	272.8	275.6	276.2
Basic Heavy Inorganic Chemicals	7.355	147.9	168.4	192.6	207.8	232.6	249.9	259.3	269.3
Basic Heavy Organic Chemicals	0.764	185.1	216.1	249.1	268.3	314.3	351.5	392.9	375.7
	0.452	111.8	119.8	127.2	128.5	150.2	153.4	150.8	153.1

**Table 26.1- INDEX NUMBERS OF WHOLESALE PRICES IN INDIA  
BY MAJOR GROUPS, GROUPS AND SUB-GROUPS-Contd.**

(Base: 1981-82=100)

Major Groups/Groups & Sub-Groups	Commodity Weight	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>III. Manufactured Products-Contd.</b>									
H. Chemicals & Chemical Products-contd.									
Fertilizers and Pesticides	1.950	105.2	131.6	165.1	185.3	209.0	220.1	219.1	230.1
Fertilizers	1.748	99.1	123.9	160.8	181.8	195.6	210.7	211.9	223.5
Pesticides	0.202	158.2	198.1	202.5	216.0	324.7	301.4	281.8	287.3
Paints, Varnishes and Lacquers	0.240	204.9	224.5	278.5	306.5	308.5	318.6	334.4	344.0
Dyestuff & Indigo	0.336	161.1	191.4	218.1	222.0	230.8	256.9	253.3	249.6
Drugs & Medicines	1.065	149.6	159.8	170.5	186.6	220.6	235.3	242.2	262.2
Perfumes, Cosmetics Toiletries etc.	1.215	161.6	181.9	205.2	216.1	239.8	261.2	278.6	304.2
Soaps & Detergent	0.880	160.5	182.8	200.9	202.5	227.8	251.2	270.0	295.7
Others	0.335	164.5	179.6	216.4	251.6	271.4	287.3	301.2	326.6
Tarpetine, Synthetic Resins and Plastic Materials	0.477	168.7	187.5	215.3	216.6	241.0	266.4	266.2	260.0
Matches, Explosives, Inedible Oils etc.	0.856	176.3	191.5	202.1	223.9	236.9	249.0	260.6	276.0
I. Non-Metallic Mineral Products	2.477	185.6	215.7	232.8	255.1	275.7	315.8	334.5	341.9
Structural Clay Products	0.695	213.4	270.0	300.8	335.0	346.1	391.6	428.5	454.2
Glass, Earthenware, China ware & their Products	0.296	156.0	169.3	180.2	186.0	191.7	226.3	239.6	238.3
Cement, Lime & Plaster	0.916	180.9	206.0	217.8	217.1	244.5	283.8	294.8	287.4
Cement	0.860	173.1	197.1	209.8	208.2	235.6	273.3	283.7	272.3
Lime	0.056	301.9	340.9	340.9	354.2	380.7	444.2	465.3	518.2
Mica Products	0.041	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
Cement, Slate & Graphite Products	0.529	180.9	196.9	209.6	267.3	298.3	338.9	351.7	365.8
J. Basic Metals, Alloys & Metal Products	7.632	219.9	234.8	256.6	276.6	300.5	329.0	339.6	348.8
Basic Metals & Alloys	4.784	207.4	220.1	242.4	261.4	286.7	310.0	322.8	332.7
Iron & Steel	2.441	201.5	212.6	233.0	252.7	270.5	290.8	305.5	315.8
Foundries for Casting & Forging & Structurals	1.333	216.0	231.5	262.8	280.7	312.1	350.3	360.0	364.3
Pipes, Wire Drawings & Others	0.814	208.9	221.4	237.8	256.9	286.0	285.3	297.8	316.6
Ferro Alloys	0.196	216.0	230.4	240.6	258.3	317.2	377.7	390.6	395.0
Non-Ferrous Metals	1.025	255.8	271.4	295.6	308.2	341.7	397.7	395.9	408.5
Aluminium	0.454	220.9	227.6	247.2	274.8	305.9	388.0	394.4	401.8
Other Non-Ferrous Metals	0.571	283.6	306.2	334.1	334.8	370.2	405.5	397.2	413.8
Metal Products	1.823	232.6	252.8	271.9	298.4	313.8	340.4	351.7	357.7
K. Machinery & Machine Tools (incl. Electric Machinery)	6.268	180.2	208.3	230.6	237.9	262.8	282.8	295.0	299.4
Non-Electrical Machinery & Parts	3.277	190.0	220.0	243.4	246.8	265.7	283.4	301.0	311.7
Heavy Machinery & Parts	1.393	189.9	224.2	260.3	256.2	288.6	312.0	330.8	342.2

**Table 26.1- INDEX NUMBERS OF WHOLESALE PRICES IN INDIA  
BY MAJOR GROUPS, GROUPS AND SUB-GROUPS-Contd.**

(Base: 1981-82=100)

Major Groups/Groups & Sub-Groups	Commodity Weight	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>III. Manufactured Products-Contd.</b>									
K. Machinery & Machine									
Tools-contd.									
Industrial Machinery									
for Food & Textiles	0.713	159.2	183.3	196.3	204.6	211.9	217.4	227.2	235.3
Refrigerators, Office									
Equipment & Non-									
Electrical Machinery	1.171	208.8	237.3	252.1	261.4	271.3	289.4	310.6	322.0
Electrical Machinery	2.991	169.4	195.5	216.5	228.2	259.7	282.2	288.5	285.8
Electrical Industrial									
Machinery	1.147	170.4	198.8	222.0	242.4	291.1	308.4	320.9	326.5
Industrial Wires &									
Cables	0.728	195.7	230.8	262.9	268.2	308.6	366.1	361.0	333.9
Dry & Wet Batteries/									
Cells	0.231	177.0	209.9	223.5	220.5	228.6	242.0	270.6	289.3
Electrical Apparatus,									
Appliances & Parts	0.424	144.4	159.6	172.2	186.0	193.1	197.1	202.4	207.8
Radio & T.V Sets,	0.461	144.4	157.6	166.9	172.2	181.2	183.0	181.6	178.7
L. Transport Equipment &									
Parts	2.705	181.3	202.5	218.1	223.8	238.5	254.5	265.9	274.9
Locomotives, Railway									
Wagons & Parts	0.274	216.5	253.6	275.7	293.5	300.9	309.1	309.5	309.5
Motor Vehicles, Scooters,									
Bicycles & Parts	2.431	177.4	196.7	211.6	216.0	231.4	248.3	261.0	270.9
M. Other Miscellaneous									
Manufacturing									
Industries	0.972	119.0	128.3	138.8	148.2	165.9	169.9	175.1	179.0

Source: Office of the Economic Advisor, Ministry of Industry



Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Andhra Pradesh</b>									
Gudur									
Food	0.50	200	175	260	286	322	359	377	434
Clothing, bedding, footwear	0.05	142	133	164	176	211	259	254	260
General	0.75	196	173	246	271	303	342	360	416
Guntur									
Food	0.60	217	178	278	312	342	374	404	456
Clothing, bedding, footwear	0.14	161	146	194	219	249	265	276	280
General	1.11	208	176	256	281	305	332	356	394
Hyderabad									
Food	0.88	221	185	260	288	321	351	370	426
Clothing, bedding, footwear	0.14	152	140	173	187	206	213	218	225
General	1.63	203	176	237	258	283	308	331	377
Visakhapatnam									
Food	0.92	219	195	268	286	327	355	366	419
Clothing, bedding, footwear	0.07	170	157	202	216	241	257	258	267
General	1.63	210	188	249	164	293	319	343	388
Warangal									
Food	0.88	215	184	261	288	324	352	365	416
Clothing, bedding, footwear	0.08	151	140	181	200	228	244	249	256
General	1.54	202	179	243	274	300	324	344	399
<b>Assam</b>									
Doom Dooma - Tinsukia									
Food	0.33	206	184	252	275	304	337	342	398
Clothing, bedding, footwear	0.03	168	149	218	257	301	309	320	335
General	0.57	195	174	233	255	281	309	320	362
Guwahati									
Food	0.38	219	199	270	297	331	363	379	429
Clothing, bedding, footwear	0.06	179	160	225	254	299	327	326	342
General	0.66	208	191	252	280	312	341	357	405
Labac - Silchar									
Food	0.29	204	178	249	269	297	322	340	382
Clothing, bedding, footwear	0.03	156	139	204	224	243	263	282	298
General	0.44	193	170	233	251	274	295	312	345
Mariani - Jorhat									
Food	0.32	210	184	254	278	313	344	357	421
Clothing, bedding, footwear	0.05	168	149	212	244	305	332	352	386
General	0.51	205	181	244	264	296	324	339	389
Rangapara - Tezpur									
Food	0.40	206	181	248	268	306	333	343	410
Clothing, bedding, footwear	0.04	176	155	236	291	328	354	392	423
General	0.63	209	179	246	266	295	323	340	390

Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS - Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Bihar</b>									
Jamshedpur									
Food	0.94	210	183	241	264	286	315	334	389
Clothing, bedding, footwear	0.12	163	148	196	219	240	264	274	290
General	1.63	204	180	239	260	280	321	340	385
Jharia									
Food	1.48	202	220	222	242	263	288	294	362
Clothing, bedding, footwear	0.23	174	198	214	231	253	263	282	300
General	2.39	198	218	226	244	262	286	301	353
Kodarma									
Food	0.38	195	222	231	252	269	299	316	368
Clothing, bedding, footwear	0.04	174	200	224	253	277	288	317	328
General	0.59	192	215	228	248	265	290	310	359
Monghyr - Janalpur									
Food	0.74	211	233	239	267	289	317	325	377
Clothing, bedding, footwear	0.08	170	188	203	222	248	263	275	382
General	1.10	212	234	242	267	288	316	331	379
Noamundi									
Food	0.73	207	230	235	255	285	308	333	380
Clothing, bedding, footwear	0.07	179	195	215	237	269	290	303	305
General	1.22	204	232	241	256	281	310	336	371
Ranchi-Hatia									
Food	0.82	211	229	241	266	289	319	333	407
Clothing, bedding, footwear	0.12	167	187	203	215	247	275	298	311
General	1.35	214	233	247	269	292	320	340	402
<b>Gujarat</b>									
Ahmedabad									
Food	1.74	228	254	262	299	329	359	376	429
Clothing, bedding, footwear	0.16	168	188	204	218	232	256	286	293
General	2.74	218	241	250	279	303	333	357	399
Baroda									
Food	0.46	239	265	275	313	348	385	395	445
Clothing, bedding, footwear	0.08	160	172	184	197	212	236	282	300
General	0.88	218	240	252	278	303	332	350	385
Bhavnagar									
Food	0.61	231	258	271	311	339	377	401	453
Clothing, bedding, footwear	0.06	157	178	187	202	221	232	238	346
General	0.99	220	244	259	294	318	350	373	425
Rajkot									
Food	0.66	230	258	262	306	330	380	400	455
Clothing, bedding, footwear	0.09	161	173	186	205	221	236	254	263
General	1.17	215	237	246	276	296	332	350	393

Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS -Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Surat</b>									
Food	0.49	236	266	269	313	346	379	393	456
Clothing, bedding, footwear	0.06	159	171	183	203	231	267	295	301
General	0.86	229	252	260	292	320	356	373	417
<b>Haryana</b>									
<b>Faridabad</b>									
Food	0.63	210	228	251	276	304	338	364	427
Clothing, bedding, footwear	0.11	181	202	217	242	272	291	297	307
General	1.17	201	224	244	268	295	326	359	426
<b>Yamunanagar</b>									
Food	0.58	213	229	246	279	313	333	352	406
Clothing, bedding, footwear	0.07	182	196	214	234	283	304	314	317
General	1.05	201	218	235	259	292	315	335	378
<b>Jammu &amp; Kashmir</b>									
<b>Srinagar</b>									
Food	0.13	217	250	272	297	340	356	383	462
Clothing, bedding, footwear	0.01	194	224	264	281	306	329	353	373
General	0.22	202	231	252	271	303	321	347	414
<b>Karnataka</b>									
<b>Bangalore</b>									
Food	1.55	222	252	269	296	340	377	412	446
Clothing, bedding, footwear	0.41	143	162	174	196	222	234	240	244
General	3.27	204	230	248	272	305	331	361	391
<b>Belgaum</b>									
Food	0.74	233	267	276	313	365	394	422	467
Clothing, bedding, footwear	0.09	156	173	187	205	227	245	251	268
General	1.33	218	243	256	285	327	353	380	423
<b>Hubli-Dharwar</b>									
Food	0.76	219	258	268	296	342	368	317	445
Clothing, bedding, footwear	0.06	162	183	195	223	238	251	262	282
General	1.29	215	246	259	280	314	337	362	409
<b>Mercara</b>									
Food	0.71	214	254	265	299	342	384	420	467
Clothing, bedding, footwear	0.08	148	166	182	204	237	261	317	345
General	1.16	198	229	243	269	304	339	375	418
<b>Kerala</b>									
<b>Alwaye</b>									
Food	0.77	212	246	272	309	353	394	419	452
Clothing, bedding, footwear	0.16	162	181	195	229	257	275	293	303
General	1.58	195	220	243	273	311	348	371	404



Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS - Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
Mundakayam									
Food	0.58	218	255	267	308	345	385	407	439
Clothing, bedding, footwear	0.10	159	182	192	205	236	242	254	264
General	1.01	203	230	249	278	314	355	384	419
Quilon									
Food	0.36	214	243	270	314	363	407	433	427
Clothing, bedding, footwear	0.02	174	196	218	248	272	285	303	315
General	0.58	201	227	252	288	325	362	391	395
Thiruvnanthpuram									
Food	0.55	216	243	286	333	380	426	450	448
Clothing, bedding, footwear	0.08	158	175	186	204	221	227	235	244
General	1.02	213	241	269	301	336	371	397	430
<b>Madhya Pradesh</b>									
Balaghat									
Food	0.75	213	243	255	289	322	346	365	418
Clothing, bedding, footwear	0.19	181	190	208	224	257	288	300	306
General	1.37	213	236	251	274	300	324	342	375
Bhilai									
Food	1.02	209	230	245	272	299	325	342	395
Clothing, bedding, footwear	0.20	154	171	185	211	237	255	267	278
General	1.91	196	214	229	250	272	302	323	361
Bhopal									
Food	0.84	228	265	282	312	337	370	394	469
Clothing, bedding, footwear	0.11	159	172	190	219	248	264	279	289
General	1.51	218	248	268	291	312	351	377	436
Indore									
Food	0.69	238	269	286	319	348	377	386	449
Clothing, bedding, footwear	0.09	172	186	199	229	274	296	306	312
General	1.28	222	250	267	292	315	344	356	406
Jabalpur									
Food	0.78	229	250	261	295	315	346	367	422
Clothing, bedding, footwear	0.09	152	166	185	201	229	239	245	253
General	1.32	232	254	272	301	315	339	356	409
<b>Maharashtra</b>									
Mumbai									
Food	4.71	244	279	296	333	372	392	435	496
Clothing, bedding, footwear	0.66	176	190	204	229	256	296	317	343
General	7.87	226	255	273	306	339	363	400	453
Nagpur									
Food	0.83	222	255	263	293	325	350	371	436
Clothing, bedding, footwear	0.16	171	191	205	220	232	243	255	268
General	1.56	223	253	268	292	314	342	370	427

Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS - Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Nasik</b>									
Food	1.08	237	267	274	308	338	368	393	440
Clothing, bedding, footwear	0.21	158	182	203	228	263	276	295	304
General	2.04	228	255	270	296	322	353	377	423
<b>Pune</b>									
Food	0.98	239	286	292	326	372	401	425	504
Clothing, bedding, footwear	0.24	155	175	186	218	246	272	284	295
General	1.94	217	253	266	296	330	359	388	448
<b>Sholapur</b>									
Food	0.74	229	272	267	297	351	377	381	451
Clothing, bedding, footwear	0.10	170	189	205	228	242	274	294	311
General	1.24	224	260	264	289	327	357	371	431
<b>Orissa</b>									
<b>Barbil</b>									
Food	0.47	214	244	258	290	319	350	351	393
Clothing, bedding, footwear	0.10	163	171	195	206	227	249	263	282
General	0.80	207	232	248	271	294	324	336	371
<b>Rourkela</b>									
Food	0.88	206	231	242	270	294	324	327	393
Clothing, bedding, footwear	0.22	151	168	191	213	242	253	267	276
General	1.67	194	216	232	254	275	303	341	390
<b>Punjab</b>									
<b>Amritsar</b>									
Food	0.97	217	235	254	285	304	333	352	415
Clothing, bedding, footwear	0.15	166	181	200	218	243	255	264	267
General	1.86	204	220	238	261	278	298	314	369
<b>Ludhiana</b>									
Food	0.60	231	241	264	294	323	342	368	446
Clothing, bedding, footwear	0.08	166	184	203	226	248	265	270	280
General	1.17	207	219	237	262	285	301	320	374
<b>Rajasthan</b>									
<b>Ajmer</b>									
Food	0.90	217	243	249	287	315	344	368	407
Clothing, bedding, footwear	0.11	177	207	224	248	274	296	322	329
General	1.59	217	243	253	280	305	332	357	392
<b>Jaipur</b>									
Food	0.69	219	248	266	295	323	355	383	434
Clothing, bedding, footwear	0.10	164	174	184	210	236	283	294	309
General	1.25	210	228	245	269	291	321	346	387

Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS - Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Tamil Nadu</b>									
Coimbatore									
Food	0.96	219	252	270	306	346	378	406	438
Clothing, bedding, footwear	0.27	144	169	180	206	240	257	263	283
General	1.89	197	228	245	272	303	330	354	383
Coonoor									
Food	0.86	242	275	296	334	377	395	428	461
Clothing, bedding, footwear	0.19	166	182	191	212	243	255	257	264
General	1.54	217	245	262	291	325	348	377	404
Chennai									
Food	1.94	216	250	272	310	359	380	405	453
Clothing, bedding, footwear	0.31	159	173	185	212	232	256	271	268
General	3.47	208	238	258	287	330	356	382	425
Madurai									
Food	0.85	225	264	276	310	354	378	392	437
Clothing, bedding, footwear	0.13	162	170	180	197	222	246	263	273
General	1.51	209	240	256	281	318	346	366	401
Salem									
Food	0.73	210	239	256	298	341	371	379	420
Clothing, bedding, footwear	0.10	154	176	201	218	244	264	274	274
General	1.16	198	223	241	287	322	348	364	394
Tiruchirapally									
Food	0.81	232	261	282	330	375	414	452	468
Clothing, bedding, footwear	0.08	164	182	194	212	228	237	246	251
General	1.35	215	240	259	295	330	364	406	435
<b>Uttar Pradesh</b>									
Agra									
Food	0.62	226	246	252	283	312	345	362	420
Clothing, bedding, footwear	0.09	163	176	194	214	240	257	268	274
General	1.09	210	229	239	262	289	313	334	384
Ghaziabad									
Food	0.67	226	246	254	280	317	348	374	432
Clothing, bedding, footwear	0.13	171	186	204	231	260	273	285	293
General	1.27	216	237	247	266	295	321	347	406
Kanpur									
Food	0.73	229	249	264	294	332	357	372	453
Clothing, bedding, footwear	0.13	173	189	198	214	236	250	258	263
General	1.30	222	243	256	278	307	328	351	411
Saharanpur									
Food	0.84	219	241	254	283	311	331	351	407
Clothing, bedding, footwear	0.22	162	180	187	208	229	240	249	253
General	1.68	211	231	245	269	291	306	322	369



Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS - Contd.

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Varanasi</b>									
Food	0.78	234	256	266	294	320	361	384	470
Clothing, bedding, footwear	0.15	183	207	223	240	274	290	300	314
General	1.42	234	255	268	289	312	347	371	450
<b>West Bengal</b>									
<b>Asansol</b>									
Food	0.60	212	228	243	270	297	317	327	401
Clothing, bedding, footwear	0.08	159	169	180	209	272	294	303	318
General	1.00	206	223	238	260	284	307	322	381
<b>Calcutta</b>									
Food	2.62	227	248	269	292	330	359	373	451
Clothing, bedding, footwear	0.22	160	174	195	217	252	268	278	290
General	4.24	218	238	257	280	312	340	359	416
<b>Darjeeling</b>									
Food	0.39	213	231	246	271	290	314	326	392
Clothing, bedding, footwear	0.05	191	219	223	238	267	294	306	320
General	0.59	199	218	232	255	271	292	304	355
<b>Durgapur</b>									
Food	0.58	222	239	258	286	320	353	364	446
Clothing, bedding, footwear	0.05	185	209	230	249	281	302	330	361
General	0.98	221	242	262	286	312	346	368	430
<b>Haldia</b>									
Food	0.48	222	238	256	277	303	328	348	424
Clothing, bedding, footwear	0.03	212	235	256	286	315	342	360	377
General	0.83	228	248	268	288	328	359	385	433
<b>Hawrah</b>									
Food	1.10	235	260	282	305	337	362	375	470
Clothing, bedding, footwear	0.14	182	204	220	248	285	304	320	340
General	1.78	230	253	271	293	323	346	364	439
<b>Jalpaiguri</b>									
Food	0.64	206	231	241	262	297	317	328	400
Clothing, bedding, footwear	0.07	166	184	207	246	281	301	333	354
General	0.94	199	221	232	252	280	299	312	379
<b>Raniganj</b>									
Food	0.80	202	219	230	251	281	310	320	381
Clothing, bedding, footwear	0.09	157	171	180	199	223	238	243	253
General	1.31	201	218	229	249	274	298	314	357
<b>Chandigarh</b>									
<b>Chandigarh</b>									
Food	0.08	214	238	254	282	317	338	369	428
Clothing, bedding, footwear	0.01	175	191	207	226	269	283	302	306
General	0.16	216	236	252	271	294	315	345	401

**Table 26.2-CONSUMER PRICE INDEX NUMBER FOR INDUSTRIAL WORKERS -Concl'd.**

(Base: 1982 = 100)

States/Centre/Items	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Delhi</b>									
Delhi									
Food	0.91	243	270	303	337	376	392	423	496
Clothing, bedding, footwear	0.22	177	194	217	246	281	303	327	354
General	1.79	218	247	272	299	327	346	380	447
<b>Pondicherry</b>									
Pondicherry									
Food	0.14	257	283	307	354	389	448	500	545
Clothing, bedding, footwear	0.02	148	166	178	203	229	242	256	264
General	0.25	229	256	279	313	344	387	428	464
<b>All India</b>									
Food	57.00	222	251	265	296	331	359	380	437
Clothing, bedding, footwear	8.54	164	182	197	219	247	267	281	293
General	100.00	212	237	252	278	306	334	358	405

Source: Labour Bureau, Ministry of Labour

Note : The totals of the respective weights may not tally as the original weights are calculated to six places of decimals whereas the weights given here are rounded to two places of decimals.

**Table 26.3-CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES  
(General Index)**

(Base: 1984-85=100)

States/U.Ts./Centre	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Andhra Pradesh</b>									
01 Hyderabad	1.99	181	202	217	235	266	290	309	339
02 Kurnool	1.30	182	207	221	242	274	292	306	344
03 Vijayawada	1.30	188	208	222	248	275	301	324	359
04 Visakhapatnam	1.60	180	203	219	235	258	287	304	337
05 Warangal	1.49	180	206	223	248	279	301	330	360
<b>Assam</b>									
06 Guwahati	0.95	168	192	204	219	243	274	290	320
<b>Bihar</b>									
07 Patna	1.28	188	210	223	238	256	279	286	325
08 Muzaffarpur	1.54	179	195	205	222	241	264	275	313
09 Ranchi	1.63	180	196	208	229	249	271	291	325
<b>Gujarat</b>									
10 Ahmedabad	1.68	168	187	194	214	234	248	257	288
11 Bhavanagar	1.21	183	204	214	243	262	289	303	337
12 Rajkot	1.52	175	191	197	221	238	268	286	308
13 Surat	1.56	168	184	197	213	231	246	258	286
<b>Haryana</b>									
14 Rohtak	1.66	186	209	224	243	266	284	312	344
<b>Himachal Pradesh</b>									
15 Shimla	0.40	177	198	213	236	252	268	299	332
<b>Jammu &amp; Kashmir</b>									
16 Srinagar	0.32	150	150	150	150	168	260	288	327
17 Jammu	0.34	172	194	211	236	257	271	291	329
<b>Karnataka</b>									
18 Bangalore	2.75	177	198	213	231	251	279	308	344
19 Gulbarga	1.08	176	200	208	232	268	296	316	346
20 Hubli-Dharwar	1.24	177	199	212	234	257	288	313	344
21 Mangalore	1.29	178	201	213	232	251	273	312	333
<b>Kerala</b>									
22 Thiruvanthpuram	1.36	165	185	202	220	243	268	292	317
23 Calicut	1.11	166	195	213	231	256	286	313	334
<b>Madhya Pradesh</b>									
24 Bhopal	1.64	184	211	226	238	250	272	294	334
25 Gwalior	1.68	194	213	226	245	266	291	307	342
26 Indore	1.65	187	212	224	243	262	284	300	330
27 Jabalpur	1.40	181	203	211	227	244	261	277	316
<b>Maharashtra</b>									
28 Mumbai	8.40	173	199	215	233	255	278	303	333
29 Aurangabad	2.46	185	206	218	243	272	292	306	337
30 Nagpur	2.80	178	195	206	221	245	272	297	323
31 Pune	2.77	178	197	209	224	247	268	290	329
32 Solapur	1.67	177	201	210	229	251	271	287	328



**Table 26.3-CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES -Concl'd.**  
(General Index)

(Base: 1984-85=100)

States/U.Ts./Centre	Weight	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10
<b>Manipur</b>									
33 Imphal	0.22	181	207	216	231	259	273	292	315
<b>Meghalaya</b>									
34 Shillong	0.22	193	215	229	246	265	288	312	339
<b>Nagaland</b>									
35 Kohima	0.13	209	234	250	264	281	299	321	354
<b>Orissa</b>									
36 Cuttack	0.92	172	193	205	223	241	264	284	320
37 Sambalpur	1.05	160	176	190	208	227	245	268	296
<b>Punjab</b>									
38 Amritsar	3.25	167	181	194	208	228	243	260	289
<b>Rajasthan</b>									
39 Jaipur	1.39	182	201	216	238	257	285	311	342
40 Ajmer	1.29	194	221	232	260	285	309	330	362
41 Jodhpur	1.30	185	205	211	230	250	271	291	325
<b>Sikkim</b>									
42 Gangtok	0.06	177	194	216	227	245	264	296	339
<b>Tamil Nadu</b>									
43 Chennai	3.86	183	206	226	253	279	302	328	361
44 Coimbatore	1.61	178	202	218	248	283	315	344	375
45 Madurai	1.80	182	205	222	249	282	310	350	384
46 Salem	1.43	173	193	214	245	272	297	326	351
47 Tiruchirapalli	1.83	181	202	212	239	269	295	320	347
<b>Tripura</b>									
48 Agartala	0.19	183	209	231	250	273	290	317	346
<b>Uttar Pradesh</b>									
49 Lucknow	1.53	175	193	202	220	242	264	285	319
50 Agra	1.29	171	188	200	218	235	255	281	314
51 Allahabad	1.27	187	212	228	242	268	288	307	344
52 Kanpur	1.44	180	199	211	226	248	267	281	314
53 Meerut	1.36	165	181	192	212	233	249	264	297
<b>West Bengal</b>									
54 Calcutta	6.92	176	195	209	224	246	264	281	311
55 Asansol	1.06	172	195	214	237	259	275	289	313
56 Kharagpur	1.11	171	189	202	218	236	255	271	309
57 Silliguri	1.06	178	206	218	228	247	261	275	308
58 Chandigarh	0.78	193	215	232	255	276	296	320	377
59 Delhi	6.56	171	193	207	224	243	261	281	325
<b>All India</b>	100.00	177	199	212	231	254	276	297	329

Source: Central Statistical Organisation

**Table 26.4-CONSUMER PRICE INDEX NUMBER FOR AGRICULTURAL LABOURERS  
AND RURAL LABOURERS**

(Base: Agrl. Year 1986-87=100)

State	General				Food			
	Weight	1995-96	1996-97	1997-98	Weight	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Agricultural Labourers</b>								
Andhra Pradesh	12.97	243	268	282	8.28	244	273	282
Assam	1.69	244	259	281	1.24	243	258	272
Bihar	11.38	223	250	252	8.66	222	254	250
Gujarat	5.20	241	254	270	3.55	256	269	283
Haryana	1.81	235	265	278	1.17	238	275	289
Himachal Pradesh	0.10	220	240	256	0.06	231	255	272
Jammu & Kashmir	0.26	226	252	269	0.19	239	272	291
Karnataka	6.67	251	266	276	4.37	262	275	231
Kerala	5.02	259	281	292	3.35	256	277	282
Madhya Pradesh	6.86	237	261	273	4.97	239	267	277
Maharashtra	9.96	248	256	266	6.46	263	270	278
Manipur	0.10	244	252	268	0.07	249	256	270
Meghalaya	0.13	252	264	282	0.10	258	272	288
Orissa	5.07	236	254	262	3.94	233	252	257
Punjab	3.02	244	263	278	1.85	247	270	289
Rajasthan	2.14	238	261	268	1.34	238	264	269
Tamil Nadu	8.47	246	261	264	5.83	249	260	254
Tripura	0.15	220	240	263	0.10	220	238	259
Uttar Pradesh	9.61	232	264	268	6.35	231	270	270
West Bengal	9.39	230	247	259	7.27	226	242	254
<b>All India</b>	100.00	238	260	269	69.15	242	264	269
<b>Rural Labourers</b>								
Andhra Pradesh	12.21	244	269	282	7.62	244	272	282
Assam	1.96	243	258	278	1.42	244	259	273
Bihar	9.81	223	250	254	7.27	221	252	250
Gujarat	5.04	241	254	270	3.34	256	269	283
Haryana	2.07	237	266	279	1.25	239	274	289
Himachal Pradesh	0.19	221	240	258	0.13	230	253	270
Jammu & Kashmir	0.52	225	250	266	0.36	236	269	286
Karnataka	6.27	250	266	276	4.09	260	275	282
Kerala	6.33	260	284	294	4.25	257	279	284
Madhya Pradesh	6.38	239	262	274	4.29	239	267	277
Maharashtra	9.96	247	256	266	6.21	262	270	278
Manipur	0.08	245	253	268	0.05	249	256	270
Meghalaya	0.12	250	263	281	0.09	257	272	288
Orissa	4.47	236	254	262	3.46	233	252	257
Punjab	3.28	247	265	281	1.85	247	270	288
Rajasthan	2.78	239	262	270	1.68	237	263	268
Tamil Nadu	9.35	244	260	265	5.99	249	262	257
Tripura	0.27	219	237	261	0.20	219	237	258
Uttar Pradesh	9.74	231	262	267	6.26	231	271	270
West Bengal	9.17	232	248	260	6.96	226	242	254
<b>All India</b>	100.00	239	260	270	66.77	242	264	270

Source : Labour Bureau, Ministry of Labour

**Notes:**

1. Linking factor for general and food regarding Index No. for Agricultural Labourers at All India level is 5.89 and 6.38 respectively.
2. Averages for the year 1995-96 are based on 8 months i.e. November, 1995 to June 1996.

Table 26.5-INDEX NUMBER OF SECURITY PRICES-ALL INDIA

(Base: 1980-81=100)

Average of weeks ended Saturday	Weight	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9	10
<b>Government and Semi-Government</b>									
Securities	100.0	89.0	88.8	89.0	88.9	88.9	88.9	88.9	88.7
Government of India	80.3	86.8	86.5	86.7	86.7	86.7	86.7	86.7	86.5
State Governments	15.1	97.8	98.0	98.0	97.7	97.7	97.6	97.7	97.7
Semi-Government Institutions	4.6	98.2	98.2	98.9	98.9	98.9	98.3	98.3	98.2
<b>Industrial Securities</b>									
Ordinary Shares									
All Industries	100.0	500.3	776.2	1142.1	1051.3	1537.3	1189.6	1146.8	1061.0
Agriculture and Allied activities (1)	3.8	1159.2	1663.0	2454.9	2979.0	4017.9	2478.8	1995.2	2033.8
Tea Plantations	3.3	1315.7	1894.3	2807.2	3422.5	4612.8	2819.6	2234.7	2303.9
Processing and Manufacturing	87.7	485.9	756.2	1106.4	980.8	1436.8	1155.3	1108.7	1017.7
Foodstuffs and Textiles	20.6	441.0	785.6	1217.8	1140.4	1546.0	1156.6	1021.6	1067.1
Foodstuffs (1)	4.3	745.9	1575.4	2783.7	2793.1	3684.0	2601.2	2688.3	3822.5
sugar	0.8	381.1	496.8	638.2	693.0	1234.1	723.6	721.1	501.6
Tobacco	1.4	922.3	3057.7	6501.2	6710.4	8581.6	5634.6	6238.2	9780.3
Textiles (1)	16.3	360.1	578.3	796.6	706.6	984.8	777.5	584.1	343.9
Cotton Textiles	8.5	282.6	417.5	534.5	403.7	550.6	396.8	318.7	265.0
Jute Textiles	0.5	78.9	116.2	166.8	121.0	226.3	286.8	187.1	138.0
Silk, Woollen & Rayon Textiles	3.8	435.8	656.6	1006.2	1012.3	1386.4	1073.3	774.0	431.6
Metals, Chemicals and Products thereof	56.0	513.3	732.9	1078.6	973.9	1458.5	1204.8	1220.6	1111.1
Metals and Products thereof (1)	30.5	540.0	723.1	1045.0	875.0	1340.0	1202.6	1220.7	1004.0
Aluminium	1.9	1544.9	1862.2	3207.0	3312.3	4817.1	4189.3	4694.1	4728.2
Automobiles and Auto ancillaries	6.8	606.0	749.6	938.8	1001.6	1749.4	1785.8	1897.3	1373.6
Electrical/Electronic Machinery	7.8	263.8	371.8	503.9	452.0	728.2	525.3	431.6	302.0
Other Machinery	7.6	359.6	505.8	627.3	493.0	721.5	686.9	742.6	629.8
Foundries and Engineering workshop	1.8	426.1	447.9	516.1	368.4	435.6	429.4	301.9	171.4
Chemicals & Products thereof(1)	25.5	481.4	743.3	1118.9	1092.4	1581.3	1207.5	1220.5	1239.6
Chemical Fertilisers	5.3	495.5	789.9	1158.9	873.2	1025.5	793.1	666.0	578.5
Dyes and Dye-stuffs	1.4	169.2	287.4	358.4	409.6	682.5	488.3	323.5	259.3
Man-made Fibres	5.1	276.9	280.6	317.9	242.2	310.5	225.2	133.1	74.2
Other Basic Industrial Chemicals	4.5	429.2	626.7	960.0	858.7	1172.7	860.7	665.4	540.7
Medicines and Pharmaceuticals	2.7	302.1	428.2	581.3	766.3	1799.8	1433.7	1243.1	1517.6
Other Processing and Mfg.(1)	11.0	431.8	820.0	1039.6	708.9	1126.9	901.0	703.4	450.9
Cement	2.2	540.1	1436.2	1726.9	1112.4	1809.2	1494.6	1146.7	853.3
Rubber & Rubber Products	2.2	527.0	818.2	1097.7	833.1	1219.0	822.5	876.3	569.3
Paper and Paper Products	3.9	366.9	652.3	791.9	539.2	880.5	726.7	433.1	193.9
Other Industries (1)	8.5	349.5	584.7	915.6	919.8	1449.9	1291.9	1365.9	1169.0
Electricity Generation & Supply	0.9	793.2	1353.1	1819.1	2056.7	2425.6	2110.3	2277.1	2024.1
Trading	1.4	648.2	1045.5	1710.8	1490.3	2284.7	1688.3	1360.2	1079.6
Shipping	2.0	182.7	463.9	724.8	564.5	913.7	504.8	214.1	159.8
Hotels	1.1	275.3	413.6	1023.2	1567.0	2863.0	3763.7	5015.6	4375.3
Finance and Investment	1.4	194.8	224.4	309.6	293.2	403.8	351.1	578.0	539.7

Source: Reserve Bank of India

(1) Includes the sub-group other/miscellaneous.



**Table 26.6- SPOT PRICES OF GOLD AND SILVER AT MUMBAI**

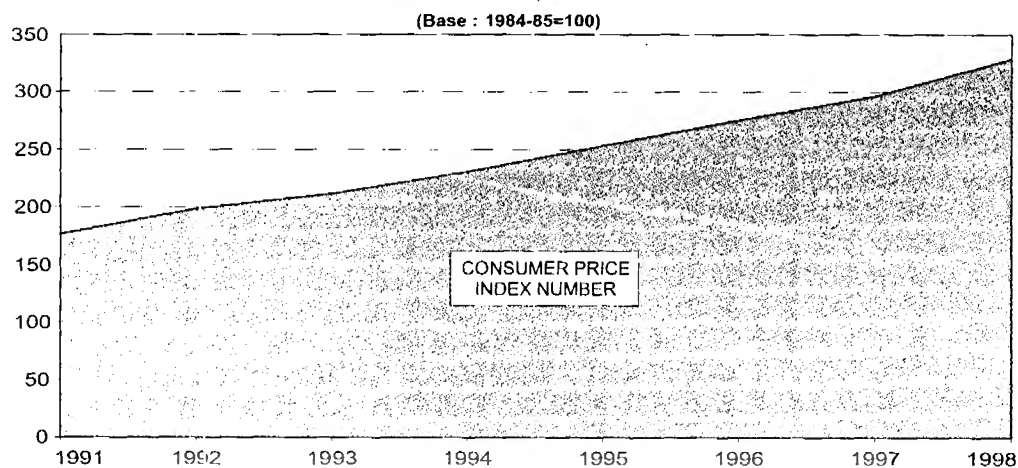
Year	Gold(Rs.per 10 grams)			Silver(Rs.per kilogram)		
	Highest	Lowest	Average	Highest	Lowest	Average
1	2	3	4	5	6	7
1990-91	3580.00	3270.00	3451.20	7051.00	6260.00	6760.79
1991-92	5000.00	3399.00	4297.63	9390.00	6632.00	7332.41
1992-93	4775.00	3943.00	4104.00	8750.00	5471.00	7078.39
1993-94	4725.00	4160.00	4532.00	7342.00	5546.00	6348.12
1994-95	4830.00	4550.00	4667.00	7272.00	6023.00	6692.00
1995-96	5713.00	4670.00	4958.00	8486.00	6400.00	7221.00
1996-97	5360.00	4680.00	5070.71	7711.00	6710.00	7165.07
1997-98	4850.00	3900.00	4347.07	9350.00	6130.00	7352.27

Source: Bombay Bullion Association

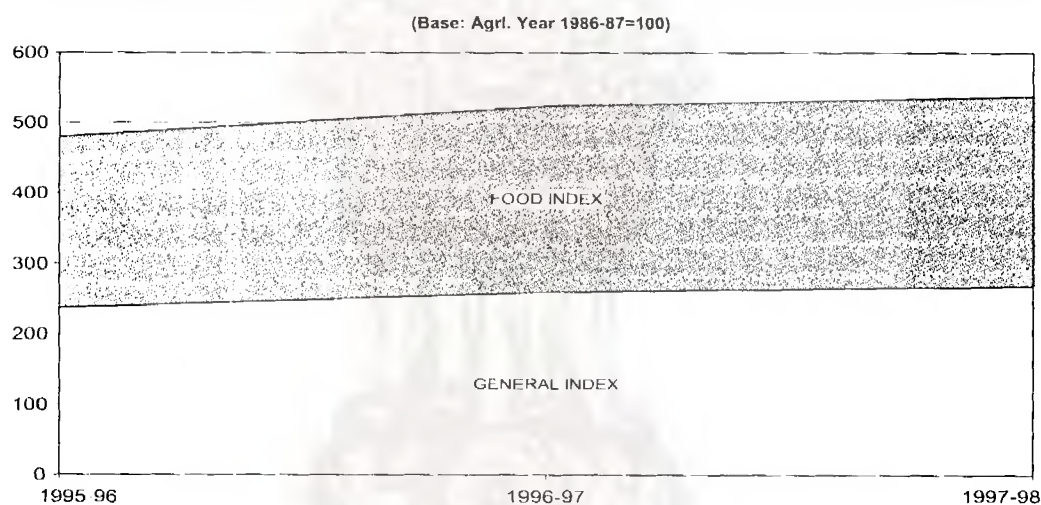
Note:

Prices of Gold relates to Standard Gold and those of Silver relate to 0.99 fineness.

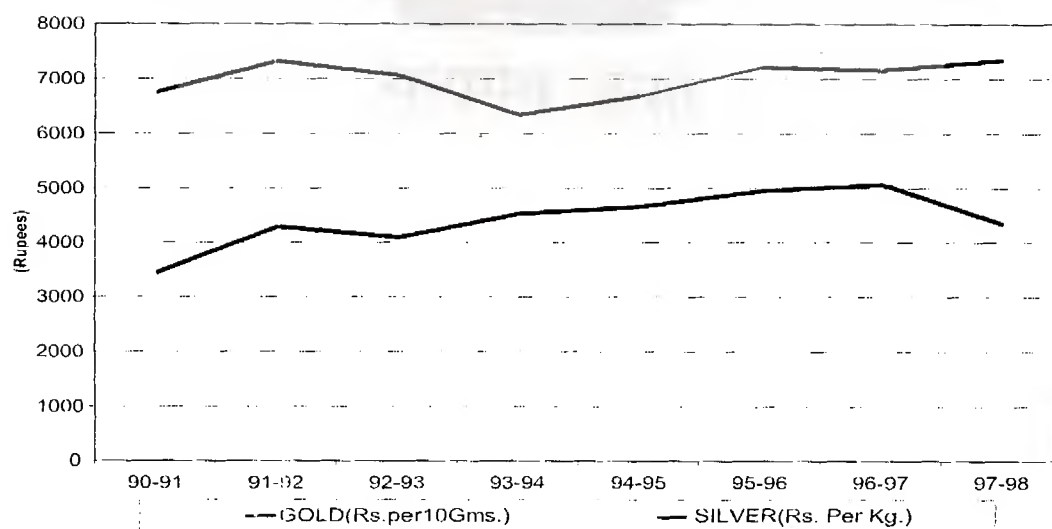
## CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES



## CONSUMER PRICE INDEX FOR AGRICULTURAL / RURAL LABOURERS



## AVERAGE SPOT PRICES OF GOLD AND SILVER AT BOMBAY

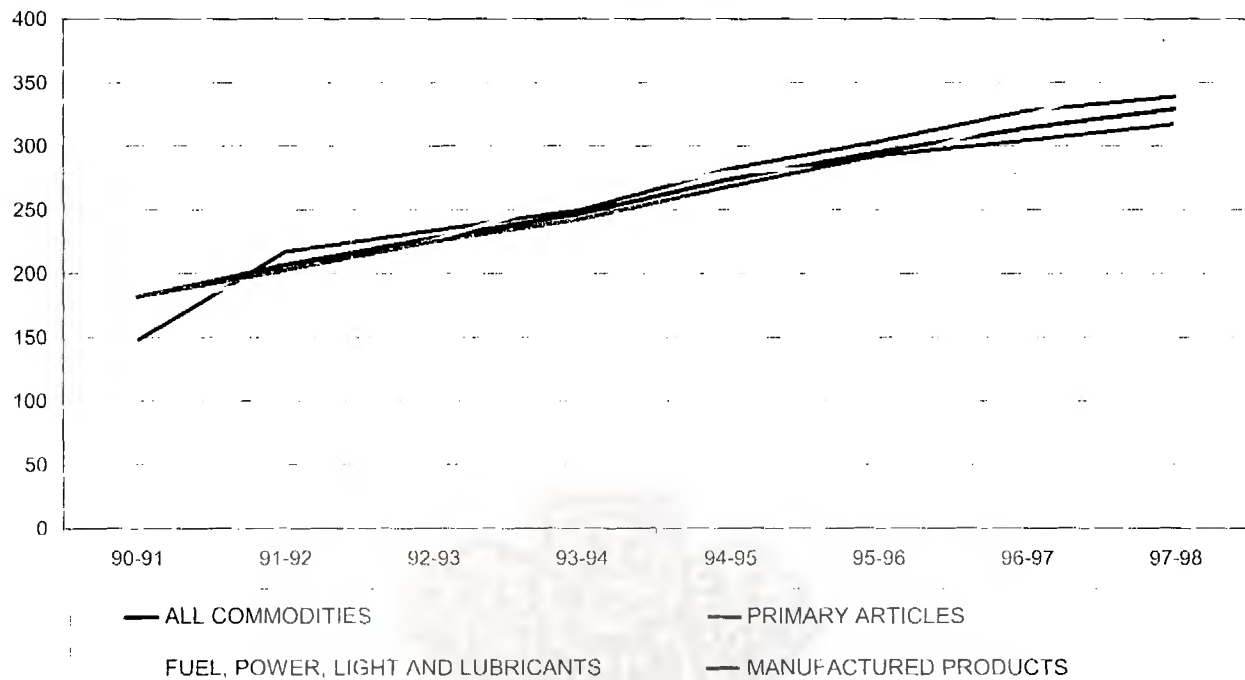






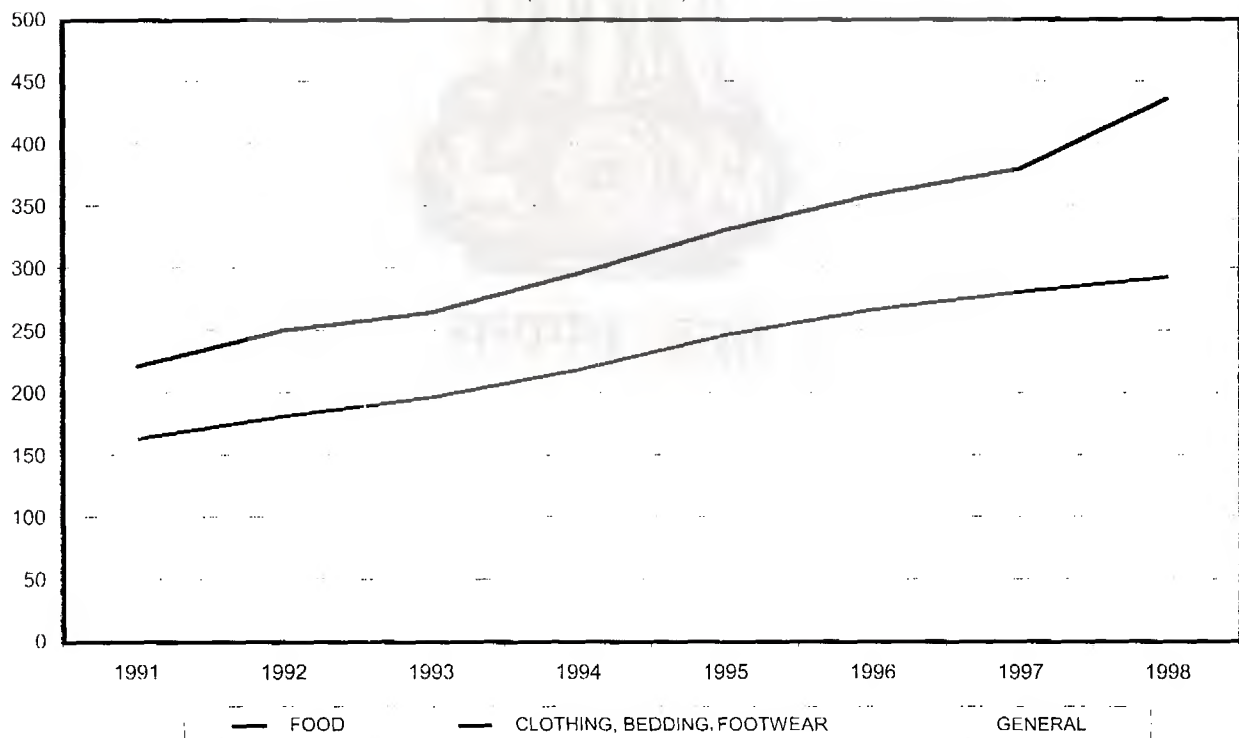
## INDEX NUMBER OF WHOLESALE PRICES IN INDIA

(Base:1981-82=100)

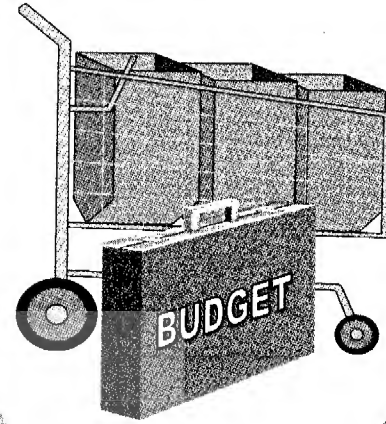


## CONSUMER PRICE INDEX FOR INDUSTRIAL WORKERS

(Base:1982=100)







NATIONAL PRODUCTS &  
RELATED AGGREGATES



## CHAPTER 27

### National Product and Related Aggregates

The tables presented in this section give the estimates of gross, net national product at factor cost at current and constant (1993-94) prices.

#### Tables 27.1 and 27.2

The estimates of net and gross national product at current and at 1993-94 prices are shown in these tables.

#### Tables 27.3 and 27.4

The estimates of net domestic product at factor cost by industry of origin at current and at 1993-94 prices are given in the tables 27.3 and 27.4 respectively.

#### Tables 27.5 and 27.6

The estimates of private final consumption expenditure in the domestic market at current and at 1993-94 prices are shown in these tables.

#### Table 27.7

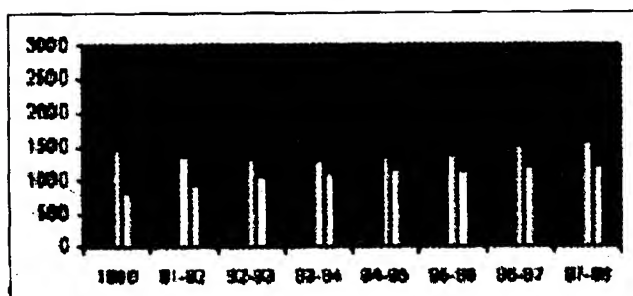
The table presents estimates of saving by household sector, private corporate sector and public sector at current prices.

#### Tables 27.8 and 27.9

These tables present estimates of capital formation by type of assets and by type of institutions at current prices and 1993-94 prices respectively. These estimates are prepared by the commodity flow approach separately for construction, machinery & equipment and changes in stocks.

#### Tables 27.10 and 27.11

These tables present the estimation of (i) gross domestic product, (ii) gross domestic saving (iii) gross domestic capital formation, and (iv) final consumption expenditure at current prices and 1993-94 prices respectively for the public and private sectors and also indicate the percentage share of public sector in each of the aggregates.



**Table 27.1- NATIONAL PRODUCT AT FACTOR COST  
(at current prices)**

Items		1993-94	1994-95	1995-96	1996-97	1997-98
1		2	3	4	5	6
Gross National Product (GNP)	(Rs.Crore)	786997	930325	1089754	1272177	1413231
Net National Product (NNP)	(Rs.Crore)	704038	833325	975645	1140895	1265167
Estimated Population	(Crore no.)	89	91	93	94	96
Per Capita Net National Product	(Rupee)	7902	9178	10525	12099	13193
Index Number(1993-94=100)						
GNP		100.0	118.2	138.5	161.6	179.6
NNP		100.0	118.4	138.6	162.1	179.7
Per Capita NNP		100.0	116.1	133.2	153.1	167.0

Source : Central Statistical Organisation

**Table 27.2- NATIONAL PRODUCT AT FACTOR COST  
(at 1993-94 prices)**

Items		1993-94	1994-95	1995-96	1996-97	1997-98
1		2	3	4	5	6
Gross National Product (GNP)	(Rs.Crore)	786997	847849	913810	988255	1038692
Net ational Product (NNP)	(Rs.Crore)	704038	758781	817489	884237	926420
Estimated Population	(Crore no.)	89	91	93	94	96
Per Capita Net National Product	(Rupee)	7902	8357	8819	9377	9660
Index Number(1993-94=100)						
GNP		100.0	107.7	116.1	125.6	132.0
NNP		100.0	107.8	116.1	125.6	131.6
Per Capita NNP		100.0	105.8	111.6	118.7	122.2

Source : Central Statistical Organisation



**Table 27.3 - NET DOMESTIC PRODUCT BY ECONOMIC ACTIVITY**  
(at current prices)

(Rs.crores)					
Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Agriculture, forestry and fishing	229908	269779	296473	357593	371603
1.1 Agriculture	211841	248444	273119	330946	341225
1.2 Forestry & logging	9928	11373	11979	13087	13961
1.3 Fishing	8139	9962	11375	13560	16417
2. Mining & quarrying	14546	16004	17326	19265	21000
3. Manufacturing	105214	129320	160385	177049	194676
3.1 Registered	67009	84072	103725	114364	125757
3.2 Unregistered	38205	45248	56660	62685	68919
4. Electricity, gas and water supply	8618	11742	13862	14160	18349
5. Construction	38531	44218	52960	60057	64505
6. Trade, hotels and restaurants	108305	132455	161162	192861	217110
6.1 Trade	103737	126942	152834	182529	205437
6.2 Hotels & restaurants	4568	5513	8328	10332	11673
7. Transport, storage and communication	44426	53032	59790	71944	85173
7.1 Railways	6808	8077	9135	9464	10735
7.2 Transport by other means	29619	34898	38680	48088	57493
7.3 Storage	558	682	781	859	921
7.4 Communication	7441	9375	11194	13533	16024
8. Financing, insurance, real estate and business services	80107	91637	110288	124521	139172
8.1 Banking & insurance	40128	47921	62891	73371	83704
8.2 Real estate, ownership of dwellings and business services	39979	43716	47397	51150	55468
9. Community, social & personal services	86463	98221	116883	136527	167018
9.1 Public administration and defence	39173	43498	51378	58719	76630
9.2 Other services	47290	54723	65505	77808	90388
10. Net domestic product at factor cost	716118	846408	989129	1153977	1278606

Source : Central Statistical Organisation

**Table 27.4 - NET DOMESTIC PRODUCT BY ECONOMIC ACTIVITY  
(at 1993-94 prices)**

(Rs. crores)

Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Agriculture, forestry and fishing	229908	242566	242549	266046	262703
1.1 Agriculture	211841	223418	222711	244870	241075
1.2 Forestry & logging	9928	10355	10499	10863	11242
1.3 Fishing	8139	8793	9339	10313	10386
2. Mining & quarrying	14546	15633	16925	17124	17765
3. Manufacturing	105214	116496	134232	142594	149759
3.1 Registered	67009	75988	87524	92652	97873
3.2 Unregistered	38205	40508	46708	49942	51886
4. Electricity, gas and water supply	8618	9770	10583	11292	12241
5. Construction	38531	40592	43931	45074	46824
6. Trade, hotels and restaurants	108305	124639	140729	152561	160679
6.1 Trade	103737	119599	133998	145061	152713
6.2 Hotels & restaurants	4568	5040	6731	7500	7966
7. Transport, storage and communication	44426	48569	53157	58162	61869
7.1 Railways	6808	6926	7647	8048	8310
7.2 Transport by other means	29619	32387	34470	37078	38522
7.3 Storage	558	570	599	592	599
7.4 Communication	7441	8686	10441	12444	14438
8. Financing, insurance, real estate and business services	80107	84462	91558	99108	107761
8.1 Banking & insurance	40128	43184	48788	55134	62452
8.2 Real estate, ownership of dwellings and business service	39979	41278	42770	43974	45309
9. Community, social & personal services	86463	89269	96427	102999	117318
9.1 Public administration and defence	39173	39515	42349	44296	54018
9.2 Other services	47290	49754	54078	58703	63300
10. Net domestic product at factor cost	716118	771996	830091	894960	936919

Source : Central Statistical Organisation

**Table 27.5 - PRIVATE FINAL CONSUMPTION EXPENDITURE IN DOMESTIC MARKET**  
(at current prices)

		(Rs. crores)				
items		1993-94	1994-95	1995-96	1996-97	1997-98
1		2	3	4	5	6
1. Food, beverages & tobacco		318065	371077	416308	499486	527201
1.1 Food		298182	343228	387808	465445	485487
1.1.1 Cereals & bread		82264	93669	103671	132034	126700
1.1.2 Pulses		11615	12462	13602	18775	18386
1.1.3 Sugar & gur		21815	24587	23216	24950	26356
1.1.4 Oils & oilseeds		24144	24983	29113	33941	33256
1.1.5 Fruits & vegetables		62338	80053	91623	107581	114964
1.1.6 Potatoe & other tubers		6145	6621	9051	11768	12227
1.1.7 Milk & milk products		47502	54320	63326	71128	79599
1.1.8 Meat, egg & fish		22946	26894	30857	36503	39183
1.1.9 Coffee, tea & cocoa		5787	6166	6731	8771	12874
1.1.10 Spices		7988	8567	9677	11990	14236
1.1.11 Other food		5638	4906	6941	8004	7706
1.2 Beverages, pan & intoxicants		5929	6609	7239	7620	8554
1.2.1 Beverages		2875	3038	3531	3422	3813
1.2.2 Pan & other intoxicants		3054	3571	3708	4198	4741
1.3 Tobacco & its products		8534	14689	11706	14628	19852
1.4 Hotels & restaurants		5420	6551	9555	11793	13308
2. Clothing & footwear		25746	29917	44525	45038	43485
2.1 Clothing		21403	25303	39879	39884	38247
2.2 Footwear		4343	4614	4646	5154	5238
3. Gross rent, fuel & power		68880	75061	79749	85970	92378
3.1 Gross rent & water charges		47483	50648	54004	57254	60753
3.2 Fuel & power		21397	24413	25745	28716	31625
3.2.1 Electricity		3926	4730	5284	5969	6506
3.2.2 Liquified petroleum gas		1521	1891	2120	2822	3555
3.2.3 Kerosene oil		2906	2992	3111	3231	3321
3.2.4 Other fuel		13044	14800	15230	16694	18243
4. Furniture, furnishing, appliances & services		16940	19777	25009	28529	34425
4.1 Furniture, furnishing & repairs		1458	1840	2391	2651	3160
4.2 Refrigerator, cooking, washing appliances etc		1530	1911	2471	2651	2862
4.3 Glassware, tableware & utensils		7324	8185	10219	11603	14556
4.4 Other goods		3209	3834	4898	5284	5824
4.5 Services		3419	4007	5030	6340	8023
5. Medical care & health services		19543	25497	30207	34618	41609
6. Transport & communication		64376	76024	87516	108612	126732
6.1 Personal transport equipment		2284	3183	4392	4924	5645
6.2 Operation of personal transport equipment		22290	26384	30280	39040	42622
6.3 Purchase of transport services		35847	41596	47005	57546	70089
6.4 Communication		3955	4861	5839	7102	8376
7. Recreation, education & cultural services		17554	20727	24710	28134	31681
7.1 Equipment, paper & stationery		6349	8280	9733	10584	11453
7.2 Recreation & cultural services		1113	1169	1511	1690	1710
7.3 Education		10092	11278	13466	15860	18518
8. Misc. goods & services		36135	42380	49360	55843	62890
8.1 Personal care & effects		10585	12024	13830	16201	18131
8.2 Personal goods n.e.c		11860	14329	16289	18527	20205
8.3 Other misc. services		13690	16027	19241	21115	24554
9. Private final consumption expenditure		567239	660460	757384	886230	960401

Source : Central Statistical Organisation

**Table 27.6 - PRIVATE FINAL CONSUMPTION EXPENDITURE IN DOMESTIC MARKET**  
(at 1993-94 prices)

(Rs. crores)					
Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Food, beverages & tobacco	318065	340105	352401	377657	381119
1.1 Food	298182	314800	329022	351948	352499
1.1.1 Cereals & bread	82264	85443	85574	92169	83293
1.1.2 Pulses	11615	12026	10693	12367	11325
1.1.3 Sugar & gur	21815	23193	22198	22237	21986
1.1.4 Oils & oilseeds	24144	23136	25539	28373	27493
1.1.5 Fruits & vegetables	62338	74389	78075	78045	86401
1.1.6 Potatoe & other tubers	6145	6132	6536	8068	8250
1.1.7 Milk & milk products	47502	49426	56491	62393	64820
1.1.8 Meat, egg & fish	22946	22907	24373	26332	26228
1.1.9 Coffee, tea & cocoa	5787	5148	4814	6288	6440
1.1.10 Spices	7988	8733	9543	10426	11387
1.1.11 Other food	5638	4267	5186	5250	4876
1.2 Beverages, pan & intoxicants	5929	6016	6195	5533	5727
1.2.1 Beverages	2875	2786	2886	2325	2530
1.2.2 Pan & other intoxicants	3054	3230	3309	3208	3197
1.3 Tobacco & its products	8534	13302	9415	11497	13648
1.4 Hotels & restaurants	5420	5987	7769	8679	9245
2. Clothing & footwear	25746	26377	34512	33922	31799
2.1 Clothing	21403	22049	30451	29475	27526
2.2 Footwear	4343	4328	4061	4447	4273
3. Gross rent, fuel & power	68880	71380	73904	76471	78759
3.1 Gross rent & water charges	47483	48883	50498	52060	53685
3.2 Fuel & power	21397	22497	23406	24411	25074
3.2.1 Electricity	3926	4340	4758	5039	4802
3.2.2 Liquified petroleum gas	1521	1679	1881	2051	2250
3.2.3 Kerosene oil	2906	2992	3111	3206	3295
3.2.4 Other fuel	13044	13486	13656	14115	14727
4. Furniture, furnishing, appliances & services	16940	18358	21798	22641	25535
4.1 Furniture, furnishing & repairs	1458	1571	1866	2015	2208
4.2 Refrigerator, cooking, washing appliances etc.	1530	1831	2270	2330	2438
4.3 Glassware, tableware & utensils	7324	7630	8471	9587	11799
4.4 Other goods	3209	3683	4434	4500	4719
4.5 Services	3419	3643	4757	4209	4371
5. Medical care & health services	19543	21681	24049	26679	29597
6. Transport & communication	64376	70951	78558	86762	99419
6.1 Personal transport equipment	2284	2994	3794	3962	4411
6.2 Operation of personal transport equipment	22290	24578	27298	30123	30474
6.3 Purchase of transport services	35847	39009	42210	46451	57319
6.4 Communication	3955	4370	5256	6226	7215
7. Recreation, education & cultural services	17554	19346	21093	22656	24499
7.1 Equipment, paper & stationery	6349	7975	8802	9446	10220
7.2 Recreation & cultural services	1113	1134	1175	1237	1328
7.3 Education	10092	10237	11116	11973	12951
8. Misc. goods & services	36135	39150	41056	44394	47542
8.1 Personal care & effects	10585	10922	11470	12323	12675
8.2 Personal goods n.e.c.	11860	13406	14163	15540	15876
8.3 Other misc. services	13690	14822	15423	16531	18991
9. Private final consumption expenditure	567239	607348	647371	691182	718269

Source : Central Statistical Organisation



**Table 27.7 - DOMESTIC SAVING BY TYPE OF INSTITUTIONS**  
(at current prices)

					(Rs. crores)
Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Household sector	157344	200632	212402	264655	286231
1.1 Financial saving	94738	120734	99405	137469	161176
1.1.1 Currency	13367	15916	16525	13643	12532
1.1.2 Net deposits	32846	42226	28861	60656	71542
1.1.3 Shares and debenture	14772	17381	9047	10472	3637
1.1.4 Net claims on Government	6233	12781	9319	11497	21932
1.1.5 Life insurance funds	9197	11016	13342	15584	18725
1.1.6 Provident & pension funds	18323	21414	22311	25617	32808
1.2 Saving in physical assets	62606	79898	112997	127186	125055
2. Private corporate sector	29667	35028	58263	58468	58887
2.1 Joint stock companies	28437	33121	56178	56729	57142
2.1.1 Non-financial	25595	28137	48070	50842	50438
2.1.2 Financial	2842	4984	8108	5887	6704
2.2 Cooperative banks & societies (1)	1230	1907	2085	1739	1745
3. Public sector	4577	15862	22895	21268	16400
3.1 Public authorities	-19427	-16897	-14942	-22918	-33174
3.1.1 Government administration (2)	-26850	-26898	-24873	-33318	-42269
3.1.2 Departmental (Commercial) enterprises	7423	10001	9931	10400	9095
3.2 Non-departmental enterprises	24004	32759	37837	44186	49574
3.2.1 Government companies	10276	19687	22253	22807	-
3.2.2 Statutory corporations (incl. port trusts)	13728	13072	15584	21379	-
4. Gross domestic saving	191588	251522	293560	344391	361518
5. Less consumption of fixed capital	82959	97000	114109	131282	148064
5.1 Household sector	29556	33721	39358	44647	49676
5.2 Private corporate sector	16836	20895	26409	32454	38770
5.3 Public sector	36567	42384	48342	54181	59618
6. Net domestic saving	108629	154522	179451	213109	213454
6.1 Household sector	127788	166911	173044	220008	236555
6.2 Private corporate sector	12831	14133	31854	26014	20117
6.3 Public sector	-31990	-26522	-25447	-32913	-43218

Source : Central Statistical Organisation

(1) Includes quasi-corporate bodies.

(2) Includes public services in quasi-government bodies.

**Table 27.8 - CAPITAL FORMATION BY TYPE OF ASSETS AND BY TYPE OF INSTITUTION**  
(at current prices)

(Rs. crores)					
Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Gross capital formation	182100	238064	311979	326370	365355
1.1 Public sector	70760	88415	89791	93798	108769
1.2 Private corporate sector	48734	69751	109191	105386	131531
1.3 Household sector	62606	79898	112997	127186	125055
2. Gross fixed capital formation	183418	222459	290113	327090	357836
2.1 Public sector	68790	88782	91234	92397	106856
2.1.1 Construction	36538	45131	51443	52868	61675
2.1.2 Machinery and equipment	32252	43651	39791	39529	45181
2.2 Private corporate sector	51214	59164	95349	113377	132314
2.2.1 Construction	7031	7403	15172	17885	20780
2.2.2 Machinery and equipment	44183	51761	80177	95492	111534
2.3 Household sector	63414	74513	103530	121316	118666
2.3.1 Construction	43623	48120	54863	62468	59046
2.3.2 Machinery and equipment	19791	26393	48667	58848	59620
3. Change in stocks	-1318	15605	21866	-720	7519
3.1 Public sector	1970	-367	-1443	1401	1913
3.2 Private corporate sector	-2480	10587	13842	-7991	-783
3.3 Household sector	-808	5385	9467	5870	6389
4. Less consumption of fixed capital	82959	97000	114109	131282	148064
4.1 Public sector	36567	42384	48342	54181	59618
4.2 Private corporate sector	16836	20895	26409	32454	38770
4.3 Household sector	29556	33721	39358	44647	49676
5. Net capital formation	99141	141064	197870	195088	217291
5.1 Public sector	34193	46031	41449	39617	49151
5.2 Private corporate sector	31898	48856	82782	72932	92761
5.3 Household sector	33050	46177	73639	82539	75379
6. Errors & omissions	14279	25351	2361	35317	22022
7. Net capital formation adjusted for errors and omissions	113420	166415	200231	230405	239313
8. Gross capital formation adjusted for errors and omissions	196379	263415	314340	361687	387377

Source : Central Statistical Organisation

**Table 27.9 - CAPITAL FORMATION BY TYPE OF ASSETS AND BY TYPE OF INSTITUTIONS**  
(at 1993-94 prices)

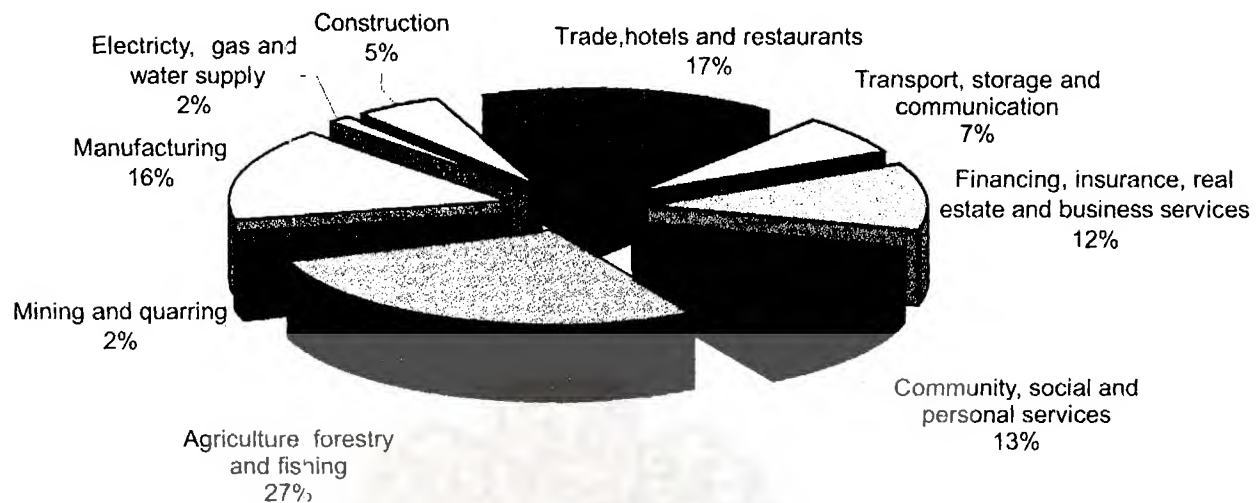
(Rs. crores)

Items	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6
1. Gross capital formation	182100	218300	261073	257625	277390
1.1 Public sector	70760	81179	75094	72797	79365
1.2 Private corporate Sector	48734	63681	92143	85146	103557
1.3 Household sector	62606	73440	93836	99682	94468
2. Gross fixed capital formation	183418	204152	242826	258238	271653
2.1 Public sector	68790	81501	76279	71702	77890
2.1.1 Construction	36538	40947	41876	39158	42022
2.1.2 Machinery and equipment	32252	40554	34403	32544	35868
2.2 Private corporate sector	51214	54110	80652	91523	104157
2.2.1 Construction	7031	6874	12633	13994	15427
2.2.2 Machinery and equipment	44183	47236	68019	77529	88730
2.3 Household sector	63414	68541	85895	95013	89606
2.3.1 Construction	43623	44460	44617	47247	42176
2.3.2 Machinery and equipment	19791	24081	41278	47766	47430
3. Change in stocks	-1318	14148	18247	-613	5737
3.1 Public sector	1970	-322	-1185	1095	1475
3.2 Private corporate sector	-2480	9571	11491	-6377	-600
3.3 Household sector	-808	4899	7941	4669	4862
4. Less consumption of fixed capital (1)	82959	89068	96321	104018	112272
4.1 Public sector	36567	38933	40857	42365	43973
4.2 Private corporate sector	16836	19092	22375	26282	30697
4.3 Household sector	29556	31043	33089	35371	37602
5. Net capital formation	99141	129232	164752	153607	165118
5.1 Public sector	34193	42246	34237	30432	35392
5.2 Private corporate sector	31898	44589	69768	58864	72860
5.3 Household sector	33050	42397	60747	64311	56866
6. Errors & omissions (2)	14279	23265	1976	27883	16718
7. Net capital formation adjusted for errors and omissions	113420	152497	166728	181490	181836
8. Gross capital formation adjusted for errors and omissions	196379	241565	263049	285508	294108

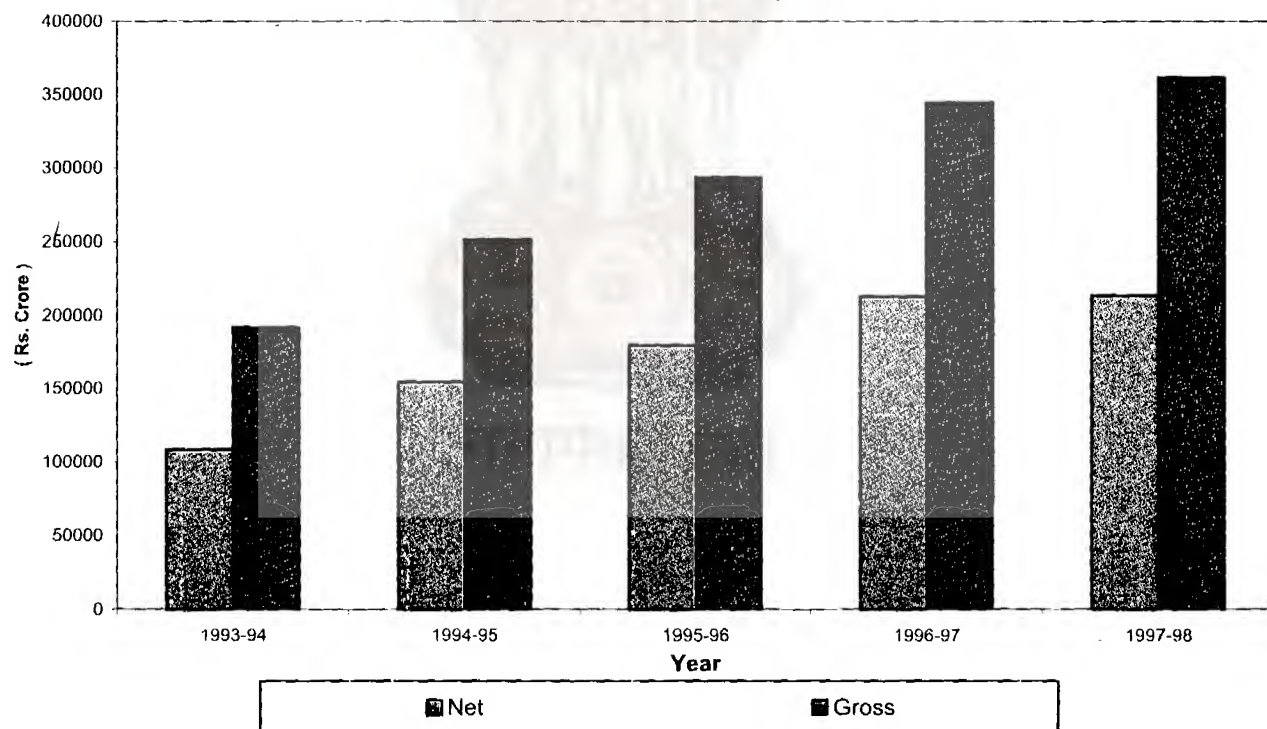
Source : Central Statistical Organisation



## NET DOMESTIC PRODUCT BY ECONOMIC ACTIVITY ( AT 1997-98 PRICES )



## DOMESTIC SAVING BY TYPE OF INSTITUTIONS ( At Current Prices )



**Table 27.10 - PERFORMANCE OF PUBLIC SECTOR(1)**  
(at current prices)

(Rs. crores)

Items	1993-94	1994-95	1995-96	1996-97P	1997-98Q
1	2	3	4	5	6
1. Gross domestic product	799,077	943,408	1,103,238	1,285,259	1,426,670
1.1 Public	202,033	233,518	268,907	295,592	355,132
1.2 Private	597,044	709,890	834,331	989,667	1,071,538
2. Gross domestic saving	191,588	251,522	293,560	344,391	361,518
2.1 Public	4,577	15,862	22,895	21,268	16,400
2.2 Private	187,011	235,660	270,665	323,123	345,118
3. Gross domestic capital formation unadjusted (2)	182,100	238,064	311,979	326,370	365,355
3.1 Public	70,760	88,415	89,791	93,798	108,769
3.2 Private	111,340	149,649	222,188	232,572	256,586
4. Final consumption expenditure	663,479	767,629	884,408	1,030,279	1,134,265
4.1 Public	96,240	107,169	127,024	144,049	173,864
4.2 Private	567,239	660,460	757,384	886,230	960,401
<b>Percentage share of public sector</b>					
1. Gross domestic product	25.3	24.8	24.4	23.0	24.9
2. Gross domestic saving	2.4	6.3	7.8	6.2	4.5
3. Gross domestic capital formation	38.9	37.1	28.8	28.7	29.8
4. Final consumption expenditure	14.5	14.0	14.4	14.0	15.3

**Table 27.11 - PERFORMANCE OF PUBLIC SECTOR**  
(at 1993-94 prices)

Items	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5
1. Gross domestic product	799077	861064	926412	998978
1.1 Public	202033	213728	226976	232220
1.2 Private	597044	647336	699436	766758
2. Gross domestic capital formation unadjusted	182100	218300	261073	257625
2.1 Public	70760	81179	75094	72797
2.2 Private	111340	137121	185979	184828
3. Final consumption expenditure	663479	705009	752932	801733
3.1 Public	96240	97661	105561	110551
3.2 Private	567239	607348	647371	691182
<b>Percentage share of public sector</b>				
1. Gross domestic product	25.3	24.8	24.5	23.2
2. Gross domestic capital formation	38.9	37.2	28.8	28.3
3. Final consumption expenditure	14.5	14.6	15.6	16.1

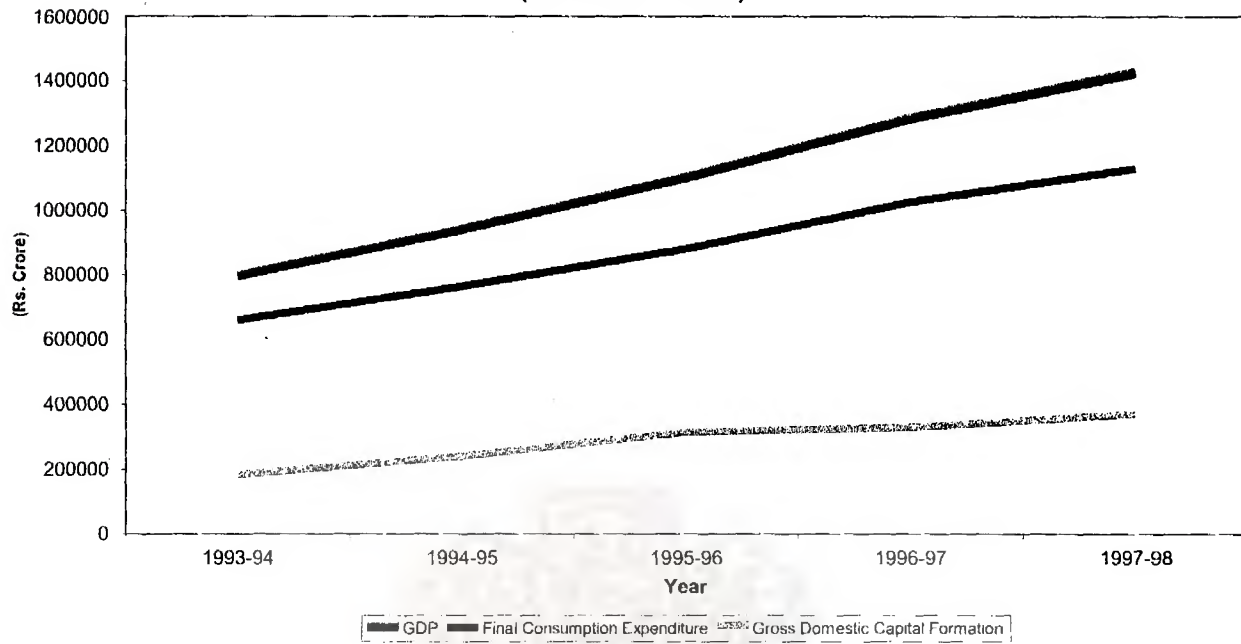
Source : Central Statistical Organisation

(1) Includes public services in quasi-government bodies.

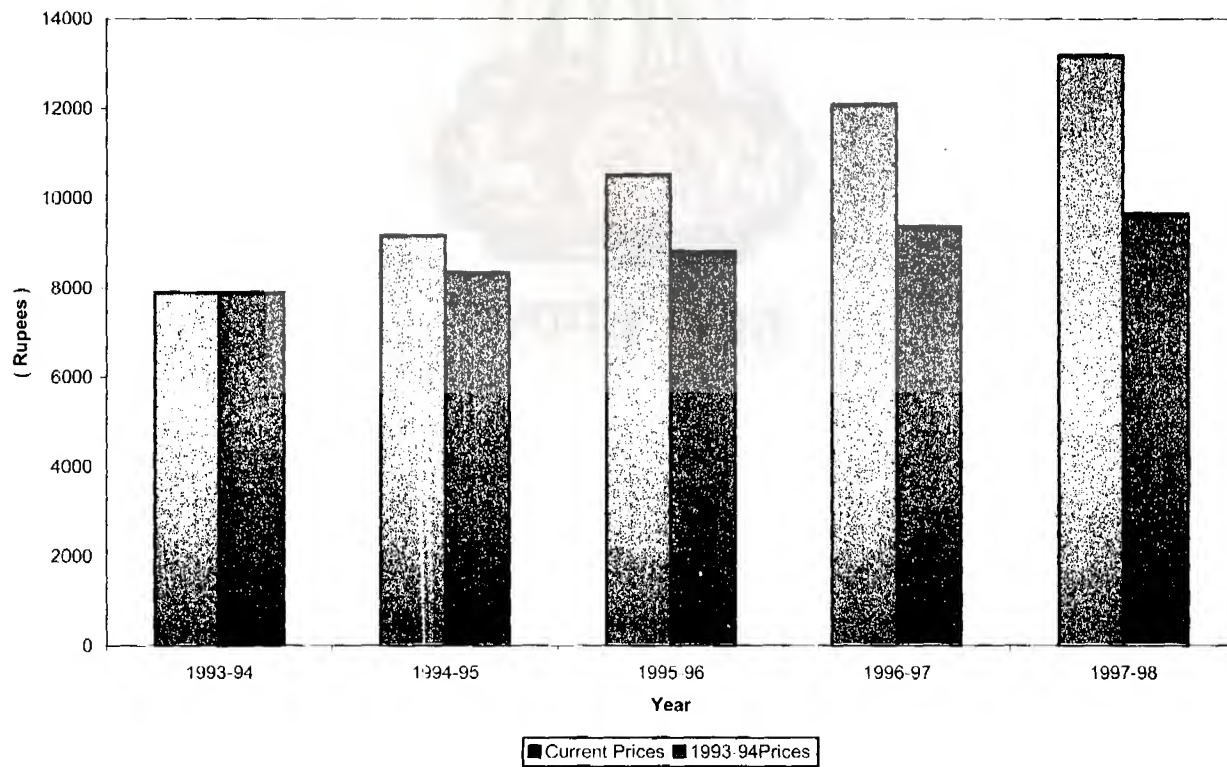
(2) Unadjusted for errors and omission.

Q Quick estimates

### PERFORMANCE OF PUBLIC SECTOR ( At Current Prices )



### PER CAPITA NET NATIONAL PRODUCT







**NATIONAL FINANCE**



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## CHAPTER 28

### National Finance

**T**he tables in this section show the budgetary position of Central Government and State Governments and economic classification of the Central Government Budget.

#### Tables 28.1 to 28.8

These tables show the Revenue and Capital receipts and expenditure of the Central Government and State Governments. Since the data presented in these tables are in conformity with the revised classification of the various heads, they are not comparable with those presented in earlier issues of the Statistical Abstract.

#### Table 28.9 to 28.11

Detailed figures of receipts and expenditure respectively on collection of customs, union excise duty, corporation tax and taxes on income tax other than corporation tax have been published (in the previous issues of Statistical Abstract) for the period upto 1975-76. These detailed data were being supplied by the office of the Comptroller & Auditor General of India. Consequent upon the departmentalisation of Accounts, compilation of the above data was discontinued with effect from 1976-77. As a result these tables could not be updated beyond 1975-76. Departmentalisation of Accounts also necessitated revision in the system of classification and presentation of data on the subject. In view of this, the revised tables 28.10 to 28.12 have been included presenting



data on annual basis as available after departmentalisation of Accounts from the Central Excise & Customs and Central Board of Direct Taxes.

**Table 28.12**

Ever since 1957-58 an economic classification of the Central budget is being prepared by Economic Division of the Ministry of Finance. The system of Accounts given in this table analyses various aspects of the Central Government's transactions vis-a-vis rest of the economy. Some of the significant magnitudes emerging from the analysis are:

(a) the Central Government's total expenditure;

- (b) the Central Government's final outlays;
- (c) Capital formation out of the budgetary resources of the Central Government;
- (d) Net Capital formation and savings of the Central Government;
- (e) the various measures of deficit in the Central Government's budgetary transactions; and
- (f) Income generation by the Central Government.

The symbols used in this chapter are:

R.E.- Revised Estimates





TABLE 28.1 - BUDGETARY POSITION OF THE GOVERNMENT OF INDIA

(Rs. crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Revenue Account</b>								
A. Revenue	57650	69100	77573	79650	95549	114914	131686	145773
B. Expenditure	76212	85361	96147	112366	126578	144644	164340	189459
C. Surplus(+)/Deficit(-)	-18562	-16261	-18574	-32716	-31029	-29730	-32654	-43686
<b>II. Capital Account</b>								
A. Receipts	38997	38528	36178	55440	68695	58338	61544	96731
B. Disbursements	31782	29122	29916	33684	38627	38415	42074	53045
C. Surplus(+)/Deficit(-)	7215	9406	6262	21756	30068	19923	19470	43686
<b>III. Overall</b>								
Surplus(+)/Deficit(-)	-11347	-6855	-12312	-10960	-961	-9807	13184	2324*
<b>IV. Financing of Surplus(+)/ Deficit(-)</b>								
<b>A. Increase(-)/ Decrease(-) in Treasury Bills</b>	-11769	-6887	-11773	-11982	268	-11462	12729	-
<b>B. Decrease(-)/Increase(+) increase(+) in</b>								
cash balance	422	32	-539	1022	-1229	1655	455	2324
(i) Opening balance	1465	1887	1919	1380	2402	1174	2829	2374.
(ii) Closing balance	1887	1919	1380	2402	1173	2829	2374	50

Source: Report on Currency and Finance 1991-92 to 1997-98 Vol. II, Reserve Bank of India

\* Draw-down of cash balances

TABLE 28.2 - REVENUE RECEIPTS OF GOVERNMENT OF INDIA

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Taxes on Income [1 to 4]</b>	6666	9930	11596	12363	18288	22202	25287	30004
1. Taxes on Income other than Corporation Tax (Net)	1250	1627	1831	1346	3468	4316	4715	7634
(a) Total Receipts	5371	6731	7888	9115	12025	15603	18231	28750
(b) States' share	4121	5104	6057	7769	8557	11287	13516	21116
2. Corporation tax	5335	7853	8899	10060	13822	16487	18567	21360
3. Interest tax	-1	305	715	728	801	1170	1712	800
4. Expenditure tax	82	145	151	229	197	229	293	210
<b>II. Taxes on property and capital transactions [1 to 3]</b>	237	318	478	159	121	86	88	141
1. Estate Duty (Net)(1)	3	3	1	-	1	1	-	1
(i) Total receipts	3	3	1	1	1	1	-	1
(ii) States' share	-	-	-	1	-	-	-	-
2. Tax on wealth	231	307	468	154	105	74	78	130
3. Gift tax	3	8	9	5	15	11	10	10
<b>III. Taxes on commodities and services [1 to 3]</b>	35020	38651	40526	39470	48417	58541	68048	68734
1. Customs[a+b+c-d]	20644	22257	23776	22193	26789	35757	42851	41000
(a) Imports (Gross)	20896	21927	24136	22655	27145	36133	43513	39850
(b) Exports (Gross)	36	77	55	66	85	112	137	128
(c) Other revenue (Gross)	348	1000	467	350	557	751	371	2293
(d) Refunds & drawbacks	636	747	882	878	998	1239	1170	1271
2. Union excise duties (Net) [a-b]	14100	16017	16367	17224	21064	22176	23463	25254
(a) Total receipts	24514	28110	30832	31697	37347	40187	45008	47700
of which								
Additional excise duties in lieu of sales tax (Net)	1490	1868	2177	2438	2794	2917	3290	3675
(b) States' share	10414	12093	14465	14473	16283	18011	21545	22446
3. Other taxes and duties on commodities and services (2)	276	377	383	53	564	608	633	980
<b>IV. Taxes of Union Territories (3)</b>	1055	1170	1444	1145	201	224	278	279
<b>V. Total tax revenue [I to IV]</b>	42978	50069	54044	53137	67027	81053	93701	99158

For footnotes, please see next page.

TABLE 28.2 - REVENUE RECEIPTS OF GOVERNMENT OF INDIA - Concl'd.

(Rs. crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
VI. Interest receipts [1 to 4]	8730	10933	12488	15062	15797	18419	22106	25327
1. States and U.T. Governments	5174	6565	7843	9553	11183	13002	15163	18359
2. Railways	938	1080	1489	1271	1336	1239	1482	1546
3. Posts & telecommunications (4)	220	247	257	230	270	279	292	286
4. Other interest receipts	2398	3041	2899	4008	3008	3899	5169	5136
VII. Dividend and profits of which: Profits of RBI	774 210	1058 350	2492 1500	2448 1500	2715 1500	3248 1500	3855 1500	5862 2500
VIII. Fiscal services [1+2]	569	518	1406	1253	1115	1039	879	1037
1. Currency coinage and mint	253	265	288	478	469	516	508	713
2. Other fiscal services	316	253	1118	775	646	523	371	324
IX. General services	1325	1556	2180	2420	2777	3010	3314	3990
X. Social and community services	361	429	495	541	554	587	813	761
XI. Economic services	2179	3407	3294	3217	3844	5290	5557	8151
XII. Cash grants from foreign countries and international organisations	529	913	880	885	916	1063	1086	1058
XIII. Aid material and equipment	56	35	40	108	122	75	104	112
XIV. Non-tax receipts of Union Territories	149	182	254	267	255	244	271	317
XV. Total non-tax revenue [VI to XIV]	14672	19031	23529	26201	28095	32975	37985	46615
XVI. Total revenue [V+XV]	57650	69100	77573	79338	95122	114028	131686	145773

Source: Report on Currency and Finance 1991-92 to 1997-98 Vol. II, Reserve Bank of India

- (1) Estate duty on "Agricultural land" was discontinued under Estate Duty (Amendment) Act 1984 and Estate Duty in respect of property (other than agricultural land) was abolished under Estate Duty (Amendment) Act 1985. Revised estimates for 1995-96 therefore represent likely collections before the above amendments.
- (2) Include foreign travel tax, foreign exchange conservation (travel) tax, inland air travel tax, sales tax, service tax, water (prevention and control of pollution), cess, entertainment tax, betting tax and taxes and duties on electricity etc.
- (3) Taxes of Union Territories are shown net of assignments of U.T. Taxes to local bodies.
- (4) Figures from 1985-86 onwards pertain to telecommunications only due to the separation of Deptt. of Telecommunications from Posts and Telegraphs w.e.f. Dec. 31, 1984.

Note: Data on Revenue Receipts in this statement are inclusive of Commercial Departments.



TABLE 28.3-REVENUE EXPENDITURE OF THE GOVERNMENT OF INDIA

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Developmental expenditure</b> [A+B+C+D+E]	32239	35345	41448	44436	47380	54350	60876	70406
<b>A. Social and community services</b> [1 to 5]	3027	3330	3750	4498	5147	7107	9014	11546
1. Education, art, culture and scientific services & research	1275	1372	1497	1837	2230	2970	3314	4507
2. Medical, public health and family welfare	490	514	622	731	867	1214	1371	1944
3. Labour & employment	278	300	329	511	414	488	550	602
4. Broadcasting	551	632	696	729	807	901	1086	1272
5. Other social and community services	433	512	606	690	829	1534	2693	3221
<b>B. Economic services</b> [1 to 7]	17911	18094	19126	20718	23071	30528	33229	43568
1. Agriculture and allied services	5494	6513	6355	8146	8576	9236	10365	13038
Of which: Food subsidy	2450	2850	2800	5537	5100	5377	6066	7900
2. Industries & minerals	5083	4855	6759	5784	5559	6254	7985	9222
3. Foreign trade and export promotion	2811	1865	907	767	783	432	567	617
4. Energy	918	947	707	1131	1075	1269	1522	15094
5. Transport and communications	1478	1671	1969	2383	2637	2576	2820	3499
6. Science, technology & environment	1128	1287	1368	1586	1720	1876	2192	2708
7. Other economic services (1)	999	956	1061	921	2721	3256	3343	-5455
<b>C. General services</b>	15	20	26	32	21	23	23	44
<b>D. Grants-in-aid to State and Union Territories for developmental purposes</b>	9847	12302	16845	17763	18482	15929	17724	14197
<b>E. Disbursements of Union Territories</b>	1439	1599	1701	1425	659	763	886	1051

For footnote, please see next page.

TABLE 28.3-REVENUE EXPENDITURE OF THE GOVERNMENT OF INDIA - Concl'd.

(Rs. crores)								
Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>II. Non-Developmental Expenditure Sangaya</b>	43973	50016	54699	66305	75042	90294	103464	119053
1. Collection of taxes and duties	543	617	724	820	920	1077	1247	1727
2. Audit	243	262	303	340	367	415	468	632
3. Interest payments	21498	26596	31075	36740	44060	50045	59478	65700
4. Pension	2138	3413	2974	3303	3643	4277	5077	6883
5. Administrative services [a to d]	2482	2778	3717	3750	4181	4811	5797	7275
(a) Police	1563	1849	2109	2484	2669	3088	3858	4946
(b) Public works	88	104	118	146	159	172	213	297
(c) External affairs	445	355	478	580	723	851	941	997
(d) Other administrative services	386	470	1012	540	630	700	785	1035
6. Defence expenditure (net)	10874	11442	12109	14978	16426	18841	20997	26802
7. Grant in aid to States & U.Ts for non-developmental purposes	3446	3503	1098	3193	1815	5648	5821	3793
8. Currency, coinage & mint & other general services (2)	2418	1044	2475	2819	3092	4280	3625	4956
9. Technical & economic cooperation with other countries	140	147	132	155	186	240	251	376
10. Postal services (net)	191	214	92	207	352	660	703	909
<b>III. Total expenditure [I+II]</b>	76212	85361	96147	112366	126578	144644	164340	189459
<b>IV. Surplus(+)/deficit(-) on Revenue Account</b>	-18562	-16261	-18574	-32716	-31029	-30616	-32654	-43686

Source: Report on Currency and Finance 1993-94 to 1997-98 Vol. II, Reserve Bank of India

(1) Includes special area programmes, irrigation &amp; flood control, rural development and general economic Services etc.

(2) Comprises outlay on General services like organs of State, tax collections, pensions, aid materials.

Note: Data on Revenue expenditure are inclusive of Commercial Departments.

TABLE 28.4-CAPITAL RECEIPTS OF GOVERNMENT OF INDIA (1)

(Rs. crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
1. Internal Market loans (2)	8001	7510	3676	3700	3700	3700	4025#	4070
2. External loans	3181	5421	5319	5074	5146	318	2987	1201
3. Short term Borrowings (5)	304	2909	4791	-391	-221	-6288	6366#	-
4. Gold bonds	-	-	-	375	1100	59	-	-
5. Disinvestment of equity holding in public undertakings	-	3038	1961	-48	5607	1397	455	907
6. Small savings	8309	5654	4373	7157	14426	10076	12175	21434
7. Public provident funds	781	972	1341	1926	2131	2657	3082	4044
8. State provident funds	1221	1286	1611	1790	2003	2261	2450	.
9. Recoveries of loans & advances	5712	6021	6356	6191	6345	6505	7540	9479
(i) State and U.T.	3697	2912	3444	3913	4486	4458	5478	6847
(ii) Others (3)	2015	3109	2912	2278	1859	2047	2159	..
10. Special deposits of non-Govt. provident funds and deposits of LIC, GIC & its subsidiaries.	7716	6670	7144	7568	8262	8274	6162	8984
11. Medium and Long-term Borrowings	-	-	-	25228	16626	29379	15965#	38415
12. Other receipts (4)	3772	-953	-394	-3130	3570	-	452	4997*
13. Total capital receipts [1 to 12]	38997	38528	36178	55440	68695	55338	61544	96731

Source: Report on Currency and Finance 1993-94 to 1997-98 Vol. II, Reserve Bank of India

(1) Capital receipts in this statement are net of repayment and contra entries of securities, issued to IMF and Nationalised Banks, ways and means advances and short term loans given to State Govts.

(2) Excludes treasury bills receipts as well as conversion of ad-hoc treasury bills.

(3) Includes foreign Governments, municipalities, port trust, financial institutions and industrial and Commercial undertakings in the public sector companies and institutions in the private sector, cooperative societies and Government servants.

(4) Other receipts include 10% relief bonds, special bearer bonds, 7% capital investment bonds, reserve fund, International Financial Institutions and Deposit scheme for retiring govt. employees/employees of Public Sector Companies.

(5) Includes 182/364 days Treasury Bills.

\* Includes draw-down of cash balance Of Rs. 2324 crore.

# As per R.B.I. Records.

Note: Figures in brackets are gross figures.



TABLE 28.5-CAPITAL DISBURSEMENT OF GOVERNMENT OF INDIA

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>1. Developmental capital</b>								
outlay [A+B+C+D]	7404	6359	7831	6053	7835	5856	5479	9079
<b>A. Social and community services [i to vi]</b>	247	239	259	332	726	548	658	625
(i) Scientific services and research	@	@	@	@	@	@	@	@
(ii) Medical, public health and water supply	2	20	11	12	80	20	65	41
(iii) Housing and urban development	123	139	191	217	214	280	335	376
(iv) Broadcasting	102	32	1	21	14	35	43	55
(v) Social security and welfare	-	1	1	5	-	-	1	13
(vi) Others	20	47	55	77	418	213	214	140
<b>B. Economic Services [i to ix]</b>	6677	5587	7122	5228	6670	4501	4024	7560
(i) General economic service	251	258	906	159	686	-1069	-1074	319
(ii) Agriculture and allied services (1)	165	157	185	188	469	581	564	400
(iii) Industries and minerals	771	670	882	987	804	632	449	721
(iv) Energy (net)	2709	1910	1621	1769	2268	2058	1105	1953
(v) Science, technology & environment	134	115	142	175	221	227	245	263
(vi) Transport and communications (2)	591	653	859	909	995	859	1205	1834
(vii) Railways	1632	1756	2446	895	1145	1140	1463	2001
(viii) Posts & telecommunications	422	63	76	142	74	62	50	54
(ix) Others	2	5	5	4	8	11	17	15
<b>C. General services</b>	212	191	100	215	195	583	613	651
<b>D. Disbursements of U.Ts.</b>	268	342	350	278	244	224	184	243

for footnotes, please see next page,

TABLE 28.5-CAPITAL DISBURSEMENT OF GOVERNMENT OF INDIA-Concl'd.

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>2. Non-development capital</b>								
outlay [i+ii]	4744	5041	5788	7177	7056	8243	8716	9601
(i) Defence	4552	4905	5473	6867	6819	8015	8508	9297
(ii) Others (3)	192	136	315	310	237	228	208	304
<b>3. Loans and advances (i+ii)</b>	19634	17722	16297	20454	23736	24316	27879	34365
(i) Developmental	19002	17609	16200	20350	23658	24213	27842	34019
Of which loans to State & U.T.s	13567	12330	12141	13984	18799	19296	23051	29112
(ii) Non-developmental	632	113	97	104	78	103	37	346
Of which loans to State & U.T.s	-	-	-	-	-	-	-	-
<b>4. Total capital disburse- ments [1+2+3]</b>	31782	29122	29916	33684	38627	38415	42074	53045
<b>5. Surplus(+)/ Deficit(-) (4)</b>	7215	9406	6262	21756	30068	16923	19470	43686

Source: Report on Currency and Finance 1993-94 to 1997-98 Vol.II, Reserve Bank of India

- (1) Includes special areas programmes from 1985-86 onwards.
- (2) Except for 1980-81, figures include transport only.
- (3) Comprises outlay on general services like India security press, currency, coinage and mint (including subscription to IMF) etc.
- (4) Figures relate to capital receipt - capital disbursements. @Figures are not separately available and included under different departments.

TABLE 28.6- CONSOLIDATED BUDGETARY POSITION OF STATE GOVERNMENTS

(Rs.crore)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Revenue Account</b>								
A. Receipt	66466.8	80535.7	91091.1	105563.7	122283.7	136803.4	152836.4	177083.6
B. Expenditure	71775.8	86186.4	96205.2	109376.2	128439.9	145003.9	168949.9	196719.1
C. Surplus(+) or Deficit(-)	-5309.0	-5650.7	-5114.1	-3812.5	-6156.2	-8200.5	-16113.5	-19635.5
<b>II. Capital Account (1)</b>								
A. Receipts	24692.9	27237.8	30072.9	28623.1	43737.8	43630.1	42890.9	59387.6
B. Disbursements	19312.3	21743.0	23129.4	25272.3	33113.9	32579.8	33818.9	42993.8
C. Surplus(+) or Deficit(-)	5380.6	5494.8	6943.5	3350.8	10623.9	11050.3	9072.0	16393.8
<b>III. Aggregate receipts</b>	91159.7	107773.5	121164.0	134186.8	166021.5	180433.5	195727.3	236471.2
<b>IV. Aggregate disbursement</b>	91088.1	107929.4	119334.6	134648.5	161553.8	177583.7	202768.8	239712.9
<b>V. Overall Surplus(+) or Deficit(-) (III-IV)</b>	71.6	-155.9	1829.4	-461.7	4467.7	2849.8	-7041.5	-3241.7
<b>VI. Financing of surplus/deficit</b>								
A. Increase(+) or Decrease(-) in cash balances (Net)	-265.7	-629.1	-602.1	-561.0	-1173.5	464.6	-6793.9	-2977.9
B. Additions to(+) or withdrawals from(-) cash balance invest- ment account (Net)	427.4	685.4	2248.2	137.0	3666.9	3589.2	-415.2	-589.9
C. Increase in(-) or repayment of(+)-ways and means advances and overdrafts from the Reserve Bank of India (Net)	-90.1	-212.2	183.3	-37.7	1974.3	-1204.0	-662.8	326.1

Source: Report on Currency &amp; Finance 1993-94 to 1997-98, Vol.II, Reserve Bank of India

(1) Excluding (i) ways and means advances from RBI and (ii) purchases/sales of securities from cash balance investment accounts.

- Notes: 1. Figures of 1994-95 in respect of Bihar, J & K and Nagaland relate to Revised estimates.  
2. Data from 1993-94 onwards relate to 26 State Governments including the National Capital Territory of Delhi.



TABLE 28.7-REVENUE RECEIPTS AND EXPENDITURE OF STATES

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Total Revenue[A+B]</b>	66466.8	80535.7	91091.1	105563.7	122283.7	136803.6	152836.4	177083.6
<b>A. Tax Revenue [1+2]</b>	44586.3	52603.9	60448.4	68818.9	80619.2	92912.9	106139.1	124998.1
1. States own tax revenue [i+ii+iii]	30344.8	35756.0	39868.3	46424.1	55734.5	63865.3	71101.5	84958.9
(i) Taxes on income (a+b)	633.7	644.8	602.3	649.7	717.2	835.3	1010.5	1080.1
(a) Agricultural income tax	198.0	202.2	111.2	106.8	97.9	154.3	103.2	107.4
(b) Profession tax	435.7	442.6	491.1	542.9	619.3	681.0	907.3	972.7
(ii) Taxes on property and capital transactions [a to c]	2741.6	3313.7	3625.8	4323.2	6288.0	7274.7	7419.5	9038.9
(a) Stamps and registration fees	2112.3	2653.9	2978.1	3554.8	5090.5	5897.5	6267.2	7614.6
(b) Land revenue	607.3	635.9	616.7	732.4	1141.3	1325.7	1073.7	1349.0
(c) Urban immovable property tax	22.0	23.9	31.0	36.0	56.2	51.5	78.6	75.3
(iii) Taxes on commodities and services (a to g)	26969.5	31797.5	35640.2	41451.2	48729.3	55755.3	62671.5	74839.9
(a) Sales tax (1)	17667.0	21064.1	23349.0	27638.0	33154.3	35477.3	43926.9	51374.5
(b) State excise duties	4795.2	5438.8	6264.8	7105.9	7746.9	8516.5	8805.3	11338.1
(c) Taxes on vehicles	1566.3	1837.1	2194.4	2582.5	3081.4	3726.3	4117.3	4945.2
(d) Taxes on goods & passengers	1061.8	1135.6	1278.4	1479.7	1483.3	1507.7	1662.6	2075.0
(e) Electricity duties	1184.9	1596.1	1747.9	1726.3	2241.7	2377.2	2718.3	3390.4
(f) Entertainment tax	412.1	348.8	463.6	425.5	447.1	439.6	600.1	722.4
(g) Other taxes and duties	282.2	377.0	342.1	493.3	574.6	3710.7	841.0	994.3
2. Share in central taxes (a to c)	14241.5	16847.9	20580.1	22394.8	24884.7	29047.6	35037.6	40039.2
(a) Income Tax	3989.0	4985.0	6181.9	7827.9	8565.2	11204.3	13488.6	15493.7
(b) Estate duty	-	-	-	-	-	-	-	-
(c) Union excise duties	10252.5	11862.9	14398.2	14566.9	16319.5	17843.3	21549.0	24545.5
<b>B. Non-Tax Revenue [1+2]</b>	21880.5	27931.8	30642.7	36744.8	41664.5	43890.7	46697.3	52085.5
1. Grants from Centre	12643.3	15225.7	17758.8	21176.0	20004.4	20995.8	23154.7	27752.2
2. States own non-tax revenue	9237.2	12706.1	12883.9	15568.8	21660.1	22894.9	23542.6	24333.3

(1) Comprises general sales tax, central sales tax, sales tax on motor spirit and purchase tax on sugar-cane etc.

TABLE 28.7-REVENUE RECEIPTS AND EXPENDITURE OF STATES-Concl'd.

(Rs.crore)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>II. Total Expenditure</b>								
[A+B+C]	71775.8	86186.4	96205.2	109455.9	128439.9	145003.9	168949.9	196719.1
A. Developmental Expenditure	48854.7	57871.1	63464.5	70917.9	78637.5	89275.8	104973.5	119672.1
i. Social services	27962.3	31003.7	34565.1	39040.3	44901.7	53606.6	60257.2	72750.0
ii. Economic services	20892.4	26867.4	28899.4	31877.6	33735.8	35669.2	44716.3	46922.1
B. Non-Developmental Expenditure [i to vi]	22137.0	27315.4	31506.0	37366.7	48499.3	54197.4	62044.4	73876.1
i. Organs of State	684.5	967.1	897.8	1045.8	1720.7	1791.9	2024.0	2489.1
ii. Fiscal services	1615.9	2628.0	2126.7	2304.7	2851.5	3181.8	4756.4	5987.6
iii. Interest payments & servicing of debt	9225.3	11478.6	13865.2	16544.7	20336.2	22998.3	26895.7	32713.6
iv. Administrative services	7018.4	7762.4	9344.4	10472.6	11664.3	13391.2	14853.3	17734.7
v. Pensions	3592.9	3715.8	4461.9	5107.4	6146.1	7813.2	9826.7	11865.9
vi. Misc. general services	-	763.5	810.0	1891.5	5780.5	5021.0	3688.3	3085.2
C. Others (2)	784.1	999.9	1234.7	1171.3	1303.1	1530.7	1932.0	3170.9
<b>Surplus(+) or deficit(-) [I - II]</b>	-5309.0	-5650.7	-5114.1	-3892.2	-6156.2	-8200.5	-15855.2	-19635.5

Source: Report on Currency &amp; Finance 1997-98, Vol.II, Reserve Bank of India

- (2) Includes compensation and assignments to local bodies and Panchayati Raj Institutions and reserve with Finance Department.

Notes: 1. Figures of 1994-95 in respect of Bihar, J & K and Nagaland relate to Revised Estimates.  
 2. Data for 1993-94 onwards relate to 26 State Governments including National Capital Territory of Delhi.  
 3. Data from 1996-97 onwards relates to 26 State Governments including the National Territory of Delhi.

TABLE 28.8-CAPITAL BUDGET OF STATE GOVERNMENTS

Items	(Rs. crores)							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98 (R.E.)
1	2	3	4	5	6	7	8	9
<b>I. Total Receipts [1 to 10]</b>	24692.9	27237.8	30072.9	28623.1	43737.8	43630.2	42243.7	59387.6
1. Internal debt (1)	3264.4	5041.7	4731.4	5189.2	8741.3	7847.4	8214.1	11131.0
Of which: Market loans	2560.5	3310.2	3692.3	4216.1	4104.7	6404.2	6519.0	7678.9
2. Loans from Centre	13974.3	13069.0	13099.6	14409.7	19252.5	19599.5	23781.6	30930.0
3. Recovery of loans & advances	1500.5	3310.2	1923.1	2418.8	5226.4	3500.8	5754.3	3853.4
4. Small savings, provident funds, etc. (net)	3069.4	2909.4	3621.9	4330.3	4778.5	4901.6	5375.0	7758.1
5. Contingency fund (net)	39.7	10.2	-51.4	69.4	-311.6	365.4	-382.6	-97.8
6. Reserve funds (net) (2)	1120.1	1343.1	1522.7	1541.5	1712.8	2100.5	2438.3	2832.8
7. Deposits & advances (net) (3)	1670.2	1586.5	2377.8	1560.7	3545.3	2947.3	4465.4	2989.5
8. Appropriation to contingency fund	-167.8	-125.0	-35.0	-118.0	-54.5	-390.0	425.0	-150.5
9. Remittances (net)	-153.9	-716.1	-336.5	-225.6	58.9	-338.4	-7504.9	-199.6
10. Others (4)	376.0	808.8	3219.3	-552.9	788.2	3096.1	-322.5	340.7
<b>II. Total Disbursements [1 to 4]</b>	19312.3	21743.0	23129.4	25272.4	33113.9	32580.0	33818.9	42993.8
1. Total Capital Outlay [A+B]	9223.1	10095.7	10654.7	12450.2	17351.0	18494.9	17539.7	23957.9
A. Developmental outlay	8960.5	9861.4	10344.3	12051.4	16931.5	17837.6	16827.3	22975.2
i) Social services	1257.1	1647.4	1813.1	1830.7	2304.0	2621.2	2972.5	4151.5
ii) Economic services	7703.4	8214.0	8531.2	10220.7	14627.5	15216.4	13854.8	18823.7
B. Non-Development Outlay (5)	262.6	234.3	310.4	398.8	419.5	657.3	712.4	982.7
2. Discharge of internal debt (6)	337.1	1487.9	1250.9	1193.1	1854.4	1055.2	499.3	1058.3
Of which: Market loans	5.0	4.8	349.2	569.7	29.9	516.5	3.9	545.0
3. Repayment of loans to the Centre	3996.7	3695.5	4178.3	4876.9	4492.4	4798.6	6234.4	6668.8
4. Loans and advances by the State Govts.	5755.4	6463.9	7045.5	6752.2	9416.1	8231.3	9545.5	11308.8
<b>Surplus(+) or Deficit(-) on Capital Account [I-II]</b>	5380.6	5494.8	6943.5	3350.7	10623.9	11050.2	8424.8	16393.8

Source: Report on Currency and Finance, 1997-98, Vol. II, Reserve Bank of India

- (1) Includes market loans, land compensation bonds, cash credits and loans from SBI & other Banks (net) as also loans from National Rural Credit (long term operations) fund of the NABARD, National Cooperative Development Corporation, LIC of India and Khadi & Village Industries Commission etc. but excludes ways and means advances and overdrafts from the R.B.I.
- (2) Includes reserve funds bearing interest (like the depreciation reserve funds of the Railways & Govt. Commercial Undertaking) as well as those not bearing interest (like sinking funds, famine relief fund and Roads & Bridges funds).
- (3) Includes deposits bearing interest (like deposits of Railways & local funds) as well as those not bearing interest (like Defence & Postal deposits) and Civil Defence and Railways Advances.
- (4) Includes suspense and miscellaneous and inter State settlement (net).
- (5) Comprises expenditure on general services.
- (6) Includes repayment of market loans, land compensation bonds, as also repayment of loans from National Rural Credit Fund of NABARD, National Cooperative Development Corporation, LIC of India etc. but excludes repayment to cash credits and loans from the SBI & other banks and ways and means advances and overdrafts from the RBI.

Note: 1. Figures of 1994-95 in respect of Bihar, J &amp; K and Nagaland relate to Revised Estimates.

2. Figures of 1995-96 in respect of J&amp;K and Nagaland relate to Revised Estimates.

3. Data for 1993-94 onwards relate to 26 State Governments including the N.C.T. of Delhi.



TABLE 28.9- COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES

(Rs.lakh)

Commodities	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>Imports</b>							
Fruits, dried and fresh	9324	9185	10705	13425	19172	18565	20754
Animals (including fish) fats and oils, crude, refined or purified	-	-	-	-	-	-	-
Fixed vegetable oils, fluid or solid crude, refined or purified(3)	42850	14765	10100	12794	27609	69058	77240
Ethyl alcohol or neutral spirits and denatured spirits	-	-	-	-	-	-	-
Alcoholic beverages and liquors(4)	1652	1843	2310	2512	4867	4729	3240
Mineral substances	20569	21602	21503	17020	13301	16874	13768
Ores, slag and ash	8328	12172	9750	8828	8996	9772	8668
Other mineral fuels, oils, waxes and bituminous substances	36489	36590	56366	37781	44309	82538	89348
Petroleum, oils and oils obtained from bituminous minerals, crude (1)	370025	411525	532754	653548	576592	762751	578382
Chemicals other than pharmaceutical and miscellaneous chemicals(2)	172837	189634	196014	177489	236978	296127	289084
Dye intermediates	-	-	-	-	-	-	-
Pharmaceutical products	1327	1185	1648	1294	2223	2532	2030
Fertilisers	-	-	-	-	-	-	-
Dyes, colours, paints and varnishes	16433	15475	17402	14107	16468	23485	27757
Essential oils, resinoids and toilet preparations	3172	3287	3428	3427	4810	4532	6118
Photographic & cinematographic goods	24058	28631	33500	30397	33320	33075	32232
Artificial resins, plastic materials and articles thereof	133225	178146	151639	88880	113805	175505	205010
Rubber and articles thereof	29027	32189	37843	31725	32049	47619	64337
Pulp, paper, paperboard and articles thereof	21731	20359	19616	18014	17376	23449	32046
Silk and silk manufactures	1574	2132	3190	2842	655	1229	850
Man-made filaments	34966	9648	5152	7672	12040	18121	5157

(1) Include petroleum oil and oil obtained from bituminous minerals other than crude oil.

(2) Include inorganic and organic chemicals.

(3) Relates to animal or vegetable fats &amp; oils and their cleavage products, prepared edible fats, animal or vegetable waxes.

(4) Relates to beverages, spirits and vinegar.

TABLE 28.9-COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-Contd.

(Rs. lakh)

Commodities	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>Imports-Contd.</b>							
Man made staple fibres	4648	3041	3162	2248	7541	17998	15245
Wool, raw and wool tops	4130	5071	7535	6017	5408	7999	9497
Cotton raw	-	-	-	-	-	-	-
Glass and glassware	7222	7868	9725	9145	11020	12732	13585
Iron and steel	214572	223540	226130	144977	197837	239556	33370
Copper	50489	52961	69341	73306	93059	111391	113147
Nickel	8399	9874	10632	8383	11892	15537	10683
Aluminium	4810	4437	4436	7013	15295	20500	28981
Lead	3931	2800	1964	3098	5296	3925	6265
Zinc	13657	6007	4292	3562	6986	12061	12914
Tin	2824	2462	5407	2443	3298	3466	3669
Other base metals	5655	7267	8706	5513	9972	12076	15024
<b>Tools, implements and other miscellaneous articles of base metals</b>	11046	10437	13527	8396	10981	21207	18801
Machinery, mechanical appliances and electrical machinery	373353	371013	427520	369115	506194	700308	386716
Railway locomotives & materials	16500	17141	10778	6250	5051	2546	9192
Motor vehicles and parts thereof	35175	29366	30014	45003	69731	112283	146322
Aircraft and vessels	17214	12382	19762	18432	24006	31304	48653
<b>Optical, photographic, cinematographic, measuring medical and surgical instruments</b>	38138	31485	47348	47610	45356	61684	75069
Baggage	61915	48676	66419	88989	76068	77991	85126
Wireless instruments & apparatus	-	-	-	-	-	-	-
Seeds	-	-	-	-	-	-	-
Ball & roller bearing	23159	23159	25589	22228	47341	31541	31079
All other articles	270787	328434	313084	258254	397622	527223	321073
<b>Total-Import duties (Gross)(1)</b>	2095210	2185789	2418291	2251737	2714524	3613289	4351279
Refunds	13191	10115	15798	11962	15219	17118	10236
Drawbacks	52212	69077	70244	76387	83779	106141	105704
<b>Total-Import duties(Net)</b>	2029807	2106597	2332249	2163388	2615526	3490030	4235339

(1) Including productive duties (Gross).

TABLE 28.9-COMMODITY-WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-Contd.

(Rs.lakh)

Commodities	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>Exports</b>							
Jute manufactures	-	-	-	-	-	-	-
Raw cotton	-	-	-	-	-	-	-
Coffee	-	-	-	-	-	-	-
De-oiled groundnut meal	-	-	-	-	-	-	-
Cotton waste	-	-	-	-	-	-	-
Tobacco (unmanufactured)	-	-	-	-	-	-	-
Mica	-	284	749	-	-	-	-
Hides,skins and leathers	11	-	103	424	955	-	-
Manganese ore-	-	-	-	-	-	-	-
Lumpy iron ore	-	-	-	-	-	-	-
Iron ore fines (including blue dust)	-	-	-	-	-	-	-
Manganese dioxide	-	-	-	-	-	-	-
Sillimanite	-	-	-	-	-	-	-
Steatic (Talc)	-	-	-	-	-	-	-
Kyanite	-	-	-	-	-	-	-
Chrome concentrates	-	-	-	-	-	-	-
Raw wool	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-
Animal feed	-	-	-	-	-	-	537
Cardamom-	-	-	-	-	-	-	-
Black pepper	-	-	-	-	-	-	13
Barytes	-	-	-	-	-	-	-
Turmeric	-	-	-	-	-	-	-
Turmeric powder	-	-	-	-	-	-	-
Tea	-	-	-	-	-	-	-
Other articles	90	1315	12049	3674	4398	52	277
Coir and coir manufactures	-	-	-	-	-	-	-
De-oiled groundnut cakes	-	-	-	-	-	-	-
<b>Total-Export duties(Gross)</b>	<b>101</b>	<b>1599</b>	<b>12901</b>	<b>4098</b>	<b>5353</b>	<b>52</b>	<b>277</b>
Refunds	8	7	66	139	19	123	56
<b>Total-Export duties(Net)</b>	<b>93</b>	<b>1592</b>	<b>12835</b>	<b>3959</b>	<b>5334</b>	<b>-71</b>	<b>221</b>



**Table 28.9-COMMODITY WISE DETAILS OF REVENUE FROM CUSTOMS DUTIES-Concl'd.**

(Rs.lakh)

Commodities	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>Cesses on Exports</b>							
Coffee	211	259	256	301	345	560	584
Coir	6	28	9	9	11	11	21
Lac	1	1	16	78	245	-	1
Mica	112	180	132	148	147	176	184
Tobacco unmanufactured	131	236	214	212	139	229	762
Oilcakes and meal	47	48	113	75	102	68	76
Marine products	576	891	1057	1316	1730	1758	2002
Cashew kernels	275	318	350	375	351	517	654
Black pepper	65	37	41	60	60	39	13
Cardamom (Act 1965)	10	11	8	12	4	9	6
Cardamom (A.P. Cess)	6	57	50	174	330	455	321
Other agricultural produce	567	950	1177	1643	1841	2510	3095
Iron ore	258	323	330	523	1670	1517	2510
Animal feed	146	191	218	184	182	481	537
Turmeric	17	32	52	70	56	50	57
Turmeric powder	5	35	42	16	12	14	39
Other articles	1077	1069	1285	1414	1264	2758	2806
Total-Export cess duties (Gross)	3510	4666	5350	6611	8489	11152	13668
Refunds	22	114	41	54	80	141	145
Total-Export cess duties (Net)	3488	4552	5309	6557	8409	11011	13523
Other Receipts (Gross)	22756	22551	28403	20615	18112	30776	35189
Refunds	374	1099	541	433	739	361	835
Other Receipts (Net)	22382	21452	27862	20182	17373	30415	34354
Total-Customs Revenue (Gross)	2122577	2214605	2464950	2283060	2746478	3655269	4405972
Refunds and Drawbacks	65807	80412	86690	88975	99836	123884	116976
Total-Customs Revenue (Net)	2056770	2134193	2378260	2194085	2646642	3531385	4288996

Source: Directorate of Statistics and Intelligence, Central Excise and Custom, Ministry of Finance

TABLE 28.10-REVENUE FROM UNION EXCISE DUTIES

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
1. Gross excluding cese	21801	25774	28966	30093	35589	38834	44466
2. Cesses	3080	2812	2531	2603	2968	3358	2958
3. Total Gross [1+2]	24881	28586	31497	32696	38557	42192	47424
4. Refunds and drawbacks	430	465	710	824	942	1408	2506
5. Total Net [3-4]	24451	28121	30787	31872	37615	40784	44918

Source : Department of Revenue, Ministry of Finance

**Table 28.11-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX  
ON INCOME OTHER THAN CORPORATION TAX**

(Rs. '000)

Head of Accounts	1990-91	1991-92	1992-93
1	2	3	4
<b>Corporation Tax:</b>			
1. Total Minor Head-Other Receipts	304782	455084	646565
Sale proceeds of TDS books	1228	16007	9129
Penalties under sec. 271 (1) (C) of the I.T. Act, 1961	44977	44929	8913
Penalties other than under Sec. 271 (1)(C) of I.T. Act, 1961	24247	79952	28416
Interest Recoveries	207712	264887	514679
Other items (includes the proceed if any by way of Excess Profits Tax, Business Profit Tax, Super Tax and Super Profit Tax)	30130	51119	85864
Total except Deduct Refunds	308294	456894	647001
Deduct Refunds	3512	1810	436
2. Total Minor Head-Income Tax on Companies	51172936	73104119	84747743
Advance Payment of Tax	40850071	59623758	61711395
Collection from Self Assessment	3559753	4553084	10324851
Collection from Regular Assessment	11182373	11537512	14378849
Deduction from Intt. on securities under Section 193 of I.T. Act 1961	8292039	11587036	11358881
Deduction from Interest Payments other than Interest on Securities under Sec. 194-A of the Income Tax Act, 1961	1997609	3316888	3524764
Deduction from Dividends under Sec. 194 of I.T. Act, 1961	1964954	2041141	1762483
Deductions under Sec. 195 of Income Tax Act, 1961 and other Deductions at source	992850	4017465	4884619
Deductions from Payment to Non-resident sportsmen/sports association under Sec. 194-E I.T. Act, 1961	-	-	82891
Deductions from Winning from Horse Races under Sec. 194-BB of Income Tax Act, 1961	6310	42776	7213
Deductions from Payment to Insurance Commission etc. under Sec. 194-D of the Income Tax Act, 1961	248344	131693	212116
Deductions from Payment to contractors and Sub-Contractors under Sec. 194-C of the Income Tax, 1961	1374184	2305918	1361197



**Table 28.11 - RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX - Contd.**

(Rs. '000)

Head of Accounts	1990-91	1991-92	1992-93
1	2	3	4
Deductions from Prize Winning from lotteries and Cross word Puzzles under Section 194-B of the Income Tax Act 1961	119521	38354	17809
Collection at source under Sec. 206-C of the Income Tax Act 1961 from Alcoholic Liquor sales	1557	13244	2310
Collection at source under Sec. 206-C of the Income Tax Act 1961 from forest produce sales	75	2772	2316
Deduction of Income Tax from Income from foreign currency Bonds or Shares of Indian company under Sec. 196-C of I.T. Act, 1961	-	-	-
Collection from Addl. I. Tax under Section 143-A of I.T. Act, 1961.	-	-	-
Deduction from Comm. Brokerage etc. under Sec. 194-H of I.T. Act, 1961	-	-	-
Central Tax Deduction at source	-	-	-
Total except Deduct Refunds	70589640	99211642	109631695
Deduct Refunds	19416704	26107523	24883952
3. Total Minor Head-Sur Tax	92356	28128	11674
All Collections	94225	33415	11674
Deduct Refunds	1869	5287	-
4. Total Minor Head-Surcharge	1736080	4940675	3579133
Advance payment of Tax	859444	2973061	1719892
Deduction of Tax at source	591790	1408945	1587760
Self assessment collection	45039	88682	189965
All other collections	265683	492048	87674
Central Tax Deduction at source	-	-	-
Total except deduct refunds	1761956	4962736	3585291
Deduct refunds	25876	22061	6158
<b>Total Minor Heads [1 to 4]</b>	<b>53306154</b>	<b>78528006</b>	<b>88985115</b>
Receipts Awaiting Transfer to other Minor Heads	-	-	-
<b>Total Corporation Tax</b>	<b>53306154</b>	<b>78528006</b>	<b>88985115</b>

**Table 28.11- RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX  
ON INCOME OTHER THAN CORPORATION TAX-Contd.**

(Rs. '000)				
Head of Accounts	1993-94	1994-95	1995-96	1996-97
1	5	6	7	8
<b>Corporation Tax:</b>				
1. Total Minor Head-Other Receipts	804507	1008703	823926	1578531
Sale proceeds of TDS books	20824	760	1332	1064
Penalties under sec. 271 (1) (C) of the I.T. Act, 1961	4633	6109	8866	8377
Penalties other than under Sec. 271 (1) (C) of I.T. Act, 1961	11542	24010	14873	23453
Interest Recoveries	425463	268411	531918	1346770
Other items (includes the proceed if any by way of Excess Profits Tax, Business Profit Tax, Super Tax and Super Profit Tax)	342084	708489	266396	200196
Total except Deduct Refunds	804546	1007709	823385	1580167
Deduct Refunds	39	1004	541	1636
2. Total Minor Head-Income Tax on Companies	96687077	132128709	158389481	179485850
Advance Payment of Tax	73034254	97700229	114770352	142067977
Collection from Self Assessment	12505836	9528367	11121945	12605684
Collection from Regular Assessment	23825081	20303598	45984029	42340645
Deduction from Intt. on securities under Section 193 of I.T. Act, 1961	13077510	2575165	22233138	15522860
Deduction from Interest Payments other than Securities under Sec. 194-A of the Income Tax Act, 1961	4850209	7667785	8108003	16651322
Deduction from Dividends under Sec. 194 of I.T. Act, 1961	2081099	2999621	7365102	5048113
Deductions under Sec. 195 of Income Tax Act, 1961 and other Deductions at source	5137250	6382165	9167814	9309177
Deduction from payment to Non-resident sportsmen/sports association under sec. 194E of I.T. Act, 1961	4945	25071	17546	2288
Deductions from Winning from Horse Races under Sec. 194-BB of Income Tax Act, 1961	43280	23859	75814	275570
Deductions from Payment to Insurance Commission etc. under Sec. 194-D of the Income Tax Act, 1961	53404	118444	92955	183332
Deductions from Payment to contractors and Sub-Contractors under Sec. 194-C of the Income Tax, 1961	2426834	2548632	3633779	4093642
Deductions from Prize Winning from lotteries and Crossword Puzzles under Section 194-B of the Income Tax Act 1961	48214	156307	273027	303076

**Table 28.11- RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX-Contd.**

	(Rs. '000)			
Head of Accounts	1993-94	1994-95	1995-96	1996-97
1	5	6	7	8
Collection at source under Sec. 206-C of the Income Tax 1961 from Alcoholic Liquor sales	1987	6840	163749	147160
Collection at source under Sec. 206-C of the Income Tax 1961 from forest produce sales	6780	53183	4392	236827
Collection from Addl. I. Tax under Sec. 143-A of I.T. Act, 1961.	-	70	2643	17654
Deduction from Comm. brokerage etc. under Sec. 194-H of I.T. Act, 1961.	-	1165	455	200309
Central Tax Deduction at source	-	15612184	-	-
Deduction of Income Tax from income from foreign currency Bonds or shares of Indian company under sec. 196C of I.T. Act, 1961.	4402	-	-	-
Total except Deduct Refunds	137144414	165705296	223014743	249045272
Deduct Refunds	40457337	33576587	64625262	69559422
3. Total Minor Head-Sur Tax	4025	167863	862	2619
All Collections	4025	167863	862	2619
Deduct Refunds	-	-	-	-
4. Total Minor Head-Surcharge	3150662	4915270	5657011	4599864
Advance payment of Tax	1311639	2141218	2355667	7656968
Deduction of Tax at Source	1680902	753245	836178	1504498
Self assesment collection	90007	72057	111687	2390729
All other collection	70422	80962	2353479	1026566
Central Tax deduction at source	-	1867788	-	-
Total Except Deduct Refund	3152970	4915270	5657011	12578761
Deduct Refunds	2308	-	-	-
<b>Total Minor Heads [1 to 4]</b>	100646271	138220625	164871280	185666864
Receipts Awaiting Transfer to other Minor Heads	-	-	-	-
<b>Total Corporation Tax</b>	100646271	138220625	164871280	185666864



**Table 28.11- RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX  
ON INCOME OTHER THAN CORPORATION TAX-Contd.**

(Rs. '000)		
Head of Accounts	1990-91	1991-92
1	2	3
<b>Taxes on Income Other Than Corporation Tax-</b>		
1. Total Minor Head-Other Receipts	361710	493509
Panalties under Section 271 (1)(C) of the I.T. Act, 1961	14128	26788
Panalties other than under Sec.271(1)(C) of I.T.Act,1961	81795	71918
Interest Recoveries	185173	275032
Other items	89564	128683
Total except Deduct Refunds	370660	502421
Deduct Refunds	8950	8912
2. Total Minor Head-Surcharge	935350	1608448
Advance Payment of Tax	440239	419069
Deduction of Tax at Source	297731	1053889
Self Assessment Collections	166570	87820
All other Collections	68416	48777
Total except Deduct Refunds	972956	1609555
Deduct Refunds	37606	1107
3. Total Minor Head-I.T.on Union Emoluments etc.	593893	836147
Income Tax on Union Emoluments including Pensions-Collection including Deductions Deduct Refunds	593893	836147
4. Total Minor Head-I.T.on other than U.E. etc.	51715410	64353703
Income Tax on other than Union Emoluments including Pensions -		
Advance Payments of Tax	22276371	25048080
Collections from Self Assessment	6393014	7213163
Collections from Regular Assessment including Proceeds of Super Tax	5621755	4143273
Deductions under Section 192 from Govt. Employees other than Union Govt. Employees	1569280	2463019
Deductions Under Sec. 192 from Employees other than Govt. Employees	10930645	12706255
Deduction from Intl. on Securities under Sec. 193 of Income Tax Act, 1961	1799677	2641777
Deductions from Dividends under Sec. 194 of I.T., Act, 1961	801400	1871658

**Table 28.11- RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX-Contd.**

(Rs. '000)

Head of Accounts	1995-96	1996-97
1	2	3
Deductions from Interest Payment other than 'Interest on Securities' under Sec. 194-A of the Income Tax Act, 1961	2758389	4471122
Deductions from Prize Winning in Lotteries and Crossword Puzzles under Section 194-B of the Income Tax Act, 1961	333766	427296
Deductions from Winning from Horse races under Sec. 194-BB of Income Tax Act, 1961	43668	58135
Deductions from Payments to Contractors and Sub-Contractors under Sec. 194-C of the Income Tax Act, 1961	5579800	7648723
Deductions from Insurance Commission etc. under Sec. 194-D of the I. T. Act, 1961	492203	1059144
Deductions under Sec. 195 of the I.T. Act, 1962 & other Deductions at Source (U/S 80E etc.)	930813	2094884
Collections under Excess Profit Tax Act, 1940	2357	29934
Collections under Business Profits Tax Act, 1947	317	2258
Collection at source under Sec. 206-C of the I.T. Act, 1961 from alcoholic liquor sales	277003	246457
Deduction from interest, salary, bonus commission or remuneration to partners by firm under Sec. 194-F of I.T. Act, 1961	1	10510
Collection at source under Sec. 206-C of the I.T. Act, 1961 from forest produce sales	135686	155936
Total except Deduct Refunds	59946161	72291626
Deduct Refunds	8230751	7937922
Total Minor Heads [1 to 4]	53606346	67291807
Receipts Awaiting Transfer to other Minor Heads	-	-
<b>Total taxes on income other than Corporation tax</b>	<b>53606346</b>	<b>67291807</b>

**Table 28.11-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX  
ON INCOME OTHER THAN CORPORATION TAX-Contd.**

	(Rs. '000)				
Head of Accounts	1992-93	1993-94	1994-95	1995-96	1996-97
1	7	8	9	10	11
<b>Taxes on Income Other Than Corporation Tax-</b>					
1. Total Minor Head-Other Receipts	658602	737527	1002050	1067482	1095875
Panalties under Section 271 (1)(C) of the I.T. Act, 1961	17143	17712	11671	15181	10967
Panalties other than under Sec.271(1)(C) of I.T.Act,1961	53803	49020	62936	59443	63065
Interest Recoveries	348788	460861	654907	517790	546265
Other items	238868	209934	273496	477240	473389
C.T.D.S.	-	-	8147	-	2354
Total except Deduct Refunds	658602	737527	1003010	1069654	1096040
Deduct Refunds	-	-	960	2172	165
2. Total Minor Head-Surcharge	1108678	1133404	964684	1167595	5369473
Advance Payment of Tax	256373	255461	61186	26280	613537
Deduction of Tax at Source	758879	788016	729912	872460	2596726
Self Assessment Collections	82845	42330	50026	32981	1694053
All other Collections	10738	47910	23162	235919	393416
C.T.D.S.	-	-	100399	-	71741
Total except Deduct Refunds	1108835	1133717	964685	1167640	5369473
Deduct Refunds	157	313	1	45	-
3. Total Minor Head-I.T.on Union Emoluments etc.	959726	1166303	1156319	1755571	2612887
Income Tax on union Emoluments including Pensions-Collection including Deductions	959726	1166303	1890	1726837	1850993
C.T.D.S.	-	-	1154429	-	807237
Deduct Refunds	-	-	-	-28734	45343
4. Total Minor Head-I.T.on other than U.E. etc.	76226511	88110566	117167143	151881071	173261714
Income Tax on other than Union Emoluments including Pensions -					
Advance Payments of Tax	30309701	37943358	47250533	48719408	54720791
Collections from Self Assessment	10053787	11560579	14616238	17016243	20284330



**Table 28.11-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX  
ON INCOME OTHER THAN CORPORATION TAX-Contd.**

	(Rs. '000)				
Head of Accounts	1992-93	1993-94	1994-95	1995-96	1996-97
1	7	8	9	10	11
Collections from Regular Assessment including Proceeds of Super Tax	6765986	7141924	9827276	11701594	12983648
Deductions under Section 192 from Govt. Employees other than Union Govt. employees	3211457	2933634	3323984	5306998	9494238
Deductions Under Sec. 192 from employees other than Govt. employees	11447580	15161198	19550965	31735580	32514247
Deduction from Intt. on Securities under Sec. 193 of Income Tax Act, 1961	4704459	5022436	4677017	6585657	4919118
Deductions from Dividends under Sec. 194 of I.T., Act, 1961	1900365	2007776	2777207	4404689	5179099
Deductions from Interest Payment other than 'Interest on Securities' under Sec. 194A of the Income Tax Act, 1961	5347247	5227093	7080408	8704923	11467267
Deductions from Prize Winning in Lotteries and Crossword Puzzles under Section 194-B of the Income Tax Act, 1961	525984	299216	233159	218578	269954
Deductions from Winning from Horse races under Sec. 194-BB of Income Tax Act, 1961	82979	50884	34725	135720	203140
Deductions from Payments to Contractors and Sub-Contractors under Sec. 194-C of the Income Tax Act, 1961	5994492	8230280	10049550	15261500	18239220

**Table 28.11-RECEIPTS AND EXPENDITURE UNDER CORPORATION TAX AND TAX ON INCOME OTHER THAN CORPORATION TAX-Concl'd.**

					(Rs. '000)
Head of Accounts	1992-93	1993-94	1994-95	1995-96	1996-97
1	7	8	9	10	11
Deductions from payments to non-resident sportsmen/sports association under sec. 194E of I.T.Act, 1961	1989681	48723	97292	150723	292921
Deductions from Insurance Commission etc. under Sec. 194-D of the I. T. Act, 1961	539004	419500	548674	763567	1121970
Collection under simplified procedure under chapter XII-C of I.T.Act, 1961	98282	168769	313951	214227	299700
Deduction of account of repurchase of units by mutual fund or UTI under sec. 194F of I.T.Act, 1961	2264	378	143705	9572	552049
Deductions under Sec. 195 of the I.T. Act, 1962 & other Deductions at Source (U/S 80E etc.)	4170189	4584775	7349999	13495424	155594560
Collections under Excess Profit Tax Act, 1940	160973	19522	23641	406065	15886
Collections under Business Profits Tax Act, 1947	147704	4973	4872	7757	524
Collection at source under Sec. 206-C of the I.T.Act, 1961 from alcoholic liquor sales	93831	85161	175412	259289	408952
Deduction from interest, salary, bonus commissions or remuneration to partners by firm under sec. 194 F of I.T.Act, 1961	7020	442	3104	14994	52538
Collection from Addl. I.T. under Sec. 143 (1)(A) of I.T. Act, 1961.	-	-	1871		3316
Deduction from payment in respect of deposits under NSS under sec. 194EE of I.T.Act, 1961	141126	409983	1126	1723937	936797
Deduction from commission etc. on sale of lottery tickets under sec. 194C of I.T.Act, 1961	-	348	6878	2586	23547
Deduction from commission, brokerage etc. under sec. 194H of I.T.Act, 1961	-	1936	6260	39854	689387
Deduction of Income tax from income from currency bonds or successor of indian company under sec. 196C of I.T.Act, 1961	-	3206	4140	37741	389869
Collection at source under Sec. 206-C of the I.T.Act, 1961 from forest produce sales	186637	237097	278503	351520	640253
C.T.D.S.	-	-	2071209	-	3748
Total except Deduct Refunds	87880768	101519861	130449089	167268145	191301069
Deduct Refunds	11654257	13409295	13281946	15387074	18039355
Total Minor Heads [1 to 4]	658759	911477800	2157440	155871719	182339949
Receipts Awaiting Transfer to other Minor Heads	-	-	-	-	-
Total taxes on-income other than Corporation tax	658759	911477800	2157440	155871719	182339949

Source: Chief Controller of Accounts, Central Board of Direct Taxes

**TABLE 28.12-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET**  
**Account 1- Transactions in Commodities and Services and Transfers-Current Account**  
**of Government Administration**

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Revenue:</b>								
1. Tax Receipts	42978.5	50069.5	54043.3	52473.5	67454.4	81939.3	97211.8	113393.7
Taxes on income and wealth	6908.8	10241.3	12083.0	12531.9	18413.1	22290.4	26636.1	30022.0
Taxes on commodities and transactions	36069.7	39828.2	41960.3	39941.6	49041.3	59648.9	70575.7	83371.7
2. Income from Property and enterprises	8576.6	11865.5	14444.8	16229.4	17632.1	20595.4	24722.6	28329.6
Profits transferred by Departmental Commercial Undertakings	-8.2	-34.3	11.1	200.0	425.1	231.5	678.8	742.5
Dividends paid by Non-Departmental Commercial Undertakings	1722.3	707.7	992.9	950.8	1216.5	1748.3	2577.1	3513.1
Profits of the Reserve Bank	210.1	350.0	1500.0	1500.0	1500.0	1500.0	1500.0	2500.0
Interest Receipts:	6090.7	9184.9	10465.2	12668.9	13198.5	15751.7	18583.8	20152.0
From States and Union Territories	5173.6	6565.1	7842.9	9557.9	11183.3	13001.7	15233.9	18032.2
From others	917.1	2619.8	2622.3	3111.0	2015.2	2750.0	3349.9	2119.8
Other income from property	561.7	1657.2	1475.6	909.7	1292.0	1363.9	1382.9	1422.0
3. Fees and miscellaneous Receipts	1501.4	1516.9	2675.1	2813.7	2936.8	4291.9	5350.1	7587.3
<b>Total [1+2+3]</b>	<b>53056.5</b>	<b>63451.9</b>	<b>71163.2</b>	<b>71516.6</b>	<b>88023.3</b>	<b>106826.6</b>	<b>127284.5</b>	<b>149310.6</b>
<b>Expenditure:</b>								
1. Consumption expenditure	22359.2	24465.9	26864.6	31814.5	34877.9	41881.1	47174.7	56752.3
Wages and salaries	9970.4	11068.8	12623.5	13357.2	14496.8	17036.43	19606.0	29344.0
Commodities and services	12388.8	13397.1	14241.1	18457.3	20381.1	24844.8	27568.7	27408.3
2. Transfer Payments	45134.0	51377.8	58518.2	66749.5	76367.9	85303.5	98798.4	111798.8
Interest	19948.7	24955.1	29055.4	34490.0	41454.8	47128.2	54278.2	63349.8
Grants to States & UTs	11090.4	12522.3	14243.8	17243.1	18080.3	20724.4	23113.9	24950.8
Local authorities	7524.1	8712.9	9941.0	11724.4	11607.7	13005.7	14303.0	13306.7
Others	140.0	83.0	89.3	14.2	28.9	27.2	48.3	34.7
Other Current Transfers	3426.3	3726.4	4213.5	5504.5	6443.7	7691.5	8762.6	11609.4
Subsidies	14094.9	13900.4	15219.0	15016.4	16832.8	17450.9	21406.3	23498.2
Pensions	10728.3	10326.3	10478.6	11485.2	12487.3	13228.4	16415.2	18323.2
Debt relief	1650.3	1909.0	2460.4	2736.2	3138.2	3686.8	4418.6	4542.9
Others	1500.0	1425.0	1500.0	500.0	341.0	-	-	-
3. Saving on Current Account	216.3	240.1	780.0	295.0	866.3	535.7	572.5	632.1
<b>Total [1+2+3]</b>	<b>-14436.7</b>	<b>-12391.8</b>	<b>-14219.3</b>	<b>-27047.4</b>	<b>-23222.5</b>	<b>-20358.0</b>	<b>-18688.6</b>	<b>-19240.5</b>
<b>Total [1+2+3]</b>	<b>53056.5</b>	<b>63451.9</b>	<b>71163.5</b>	<b>71516.6</b>	<b>88023.3</b>	<b>106826.6</b>	<b>127284.5</b>	<b>149310.6</b>

§ Included under 'Others'.



**TABLE 28.12-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-Contd.**  
**Account 2- Transactions in Commodities and Services and Transfers- Current Account of**  
**Department Commercial Undertakings**

(Rs.crores)								
Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Receipts-</b>								
Gross sale proceeds	20304.6	23235.8	27047.9	31258.3	35796.6	40272.9	45974.9	52911.4
Railways	12451.6	14113.7	16114.7	18363.3	20529.1	22813.8	24922.8	28398.2
Manufacturing activity of Railways workshops and production units	1943.3	2314.9	2732.6	2888.0	3174.0	3195.9	3744.2	4412.9
Posts	840.9	947.9	1073.9	1105.2	1170.4	1150.4	1250.0	1605.0
Telecommunications	3404.8	3874.5	4757.7	6094.8	7799.1	9760.5	11767.0	14035.0
Others	1664.0	1984.8	2369.0	2807.0	3124.0	3352.3	4290.9	4460.3
Interest receipts	45.6	79.6	125.5	146.7	245.6	-328.0	613.3	305.3
<b>Total</b>	20350.2	23315.4	27173.4	31405.0	36042.2	39944.9	46588.2	53216.7
<b>Expenditure-</b>								
Wages and Salaries	5019.1	5589.4	6403.3	6978.7	7719.0	8814.8	10115.7	12487.9
Pension payments	1135.4	1333.7	1577.2	1861.6	2095.8	2633.7	3120.1	3222.3
Commodities and Services	4897.7	5886.9	6631.6	8011.6	8353.9	9055.1	11332.3	13598.2
Repairs and maintenance	3881.8	4201.8	4676.2	5231.5	5510.6	6009.0	6671.1	8557.3
Interest	1488.9	1748.3	2056.0	2408.8	2607.7	2677.8	3361.4	3940.3
Provision for deprec- iation	2369.5	2533.1	2976.2	2722.0	2927.2	3372.7	3754.9	3992.3
Profits transferred to current account of Govt. (Administration)	-8.2	-34.3	11.1	200.0	425.1	231.5	678.8	742.5
Retained profits of Departmental Commer- cial Undertakings	1566.0	2056.5	2841.8	3990.6	6412.9	7150.3	7553.9	6675.9
<b>Total</b>	20350.2	23315.4	27173.4	31405.0	36052.2	39944.9	46588.2	53216.7

**Table 28.12-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-Contd.**  
**Account 3 - Transactions in Commodities and Services and Transfers - Capital Account of**  
**Government Administration and Departmental Commercial Undertakings**

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Receipts</b>								
Gross Savings	-10501.2	-7802.2	-8401.3	-20334.8	-13882.4	-9835.0	-7379.8	-8572.3
Savings on current a/c (Administration)	-14436.7	-12391.8	-14219.3	-27047.4	-23222.5	-20358.0	-18688.6	-19240.5
Retained profits of departmental commercial undertakings	1566.0	2056.5	2841.8	3990.6	6412.9	7150.3	7553.9	6675.9
Depreciation provision	2369.5	2533.1	2976.2	2722.0	2927.2	3372.7	3754.9	3992.3
Capital transfers	585.8	3985.8	2881.2	994.8	1039.0	1138.0	1199.3	1100.1
Gift tax and estate duties	-	-	-	-	-	-	-	-
Foreign grants	585.6	947.1	919.4	993.3	1037.6	-	-	-
PL 480	-	-	-	-	-	-	-	-
Other Food Aid	-	-	-	-	-	-	-	-
Other Capital Receipts	0.2	3038.7	1961.8	1.5	1.4	1.0	-	-
Balance: Deficit on all transactions commodities and services and transfers	25634.7	21524.6	26486.4	43915.9	41145.6	40644.1	41070.4	47086.7
<b>Total</b>	<b>15719.3</b>	<b>17708.2</b>	<b>20966.3</b>	<b>24575.9</b>	<b>28302.2</b>	<b>31947.1</b>	<b>34889.9</b>	<b>39614.5</b>
<b>Disbursements</b>								
Gross fixed capital formation	8193.0	9056.4	11642.9	13106.1	14804.3	16857.5	18901.5	21960.9
Buildings and other construction	4617.5	5121.1	5956.7	6533.6	7660.3	8102.8	8491.5	10009.5
New Outlay	3491.1	3751.2	4540.8	5157.8	6314.2	6521.4	6990.6	8310.8
Renewals & replacements	1126.4	1369.9	1415.9	1375.8	1346.1	1581.4	1500.9	1698.7
Machinery & equipment	3575.5	3935.3	5686.2	6572.5	7144.0	8754.7	10410.0	11951.4
New Outlay	2438.4	2863.9	4124.6	5105.1	5619.8	7045.9	8231.9	9738.9
Renewal & replacements	1137.1	1071.4	1561.6	1467.4	1524.2	1708.8	2178.1	2212.5
Increase in inventories	408.9	202.7	231.7	-341.0	-475.9	-172.9	-79.6	-9.6
Work stores	408.9	202.7	231.7	-341.0	-475.9	89.3	-	-
Stock of food grains etc.	-	-	-	-	-	-	-	-
Capital Transfers	7117.4	8449.1	9091.7	11810.8	13973.8	15262.5	16068.0	17663.2
Grants for capital formation								
To States and Union Territories	5769.2	7091.9	8001.7	9231.5	8689.1	8571.5	9721.6	10045.0
To non-departmental commercial undertakings	6.1	1.6	2.2	-	-	-	-	-
To local authorities	132.8	211.0	209.6	51.9	800.2	763.8	778.2	790.2
To others	593.2	501.7	209.2	1781.1	3974.1	5330.0	4898.7	6127.0
Gratuities and commuted value of pensions	468.6	504.3	549.7	610.6	510.4	597.2	669.5	701.0
Compensation paid to displaced persons	-	-	-	-	-	-	-	-
Other capital transfers	147.5	138.6	119.3	135.7	-	-	-	-
<b>Total</b>	<b>15719.3</b>	<b>17708.2</b>	<b>20966.3</b>	<b>24575.9</b>	<b>28302.2</b>	<b>31947.1</b>	<b>34889.9</b>	<b>39614.5</b>

§ Included under 'others'.

**Table 28.12-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-Contd.**  
**Account 4-Changes in Financial Assets-Capital Account of Government**  
**Administration and Departmental Commercial Undertakings**

	(Rs.crores)							
Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Incomings</b>								
Sterling Pension								
Annuities	-	-	-	-	-	-	-	-
Repayment of Loans	3937.1	4877.1	6154.8	6083.9	6235.9	5502.9	7223.0	8468.5
By States & U.Ts.	2730.9	2912.3	3444.3	3913.4	4486.6	4458.4	5650.4	6674.2
By others	1206.2	1964.8	2710.5	2170.5	1749.3	1044.5	1572.6	1794.3
Disinvestment in Shares	-	-	-	-47.7	5607.4	1397.1	575.1	4800.0
Balance: Net Increase in Financial Assets	17823.3	14301.7	13423.0	16611.9	15607.1	19201.1	25269.6	21760.6
<b>Total</b>	21760.4	19178.8	19577.8	22648.1	27450.4	26101.1	33067.7	35029.1
<b>Outgoings</b>								
Investment in shares of Government concerns	3466.5	2620.0	2496.0	2688.0	3804.3	1391.3	1114.2	3138.0
Financial concerns	3382.9	2530.0	2421.8	2553.9	3640.2	1007.7	574.2	2759.1
Others	449.6	427.1	291.6	406.5	858.2	-1199.7	-901.5	370.9
of other concerns	2933.3	2102.9	2130.2	-2147.4	2782.0	2207.4	1475.7	2388.2
Loans for capital formation	83.6	90.0	74.2	134.1	164.1	383.6	540.0	378.9
To States & U.Ts.	16487.7	15479.3	14855.3	18532.9	22603.8	22534.4	26676.8	27156.6
To local authorities	13507.8	12284.6	11649.6	13964.8	18727.0	18999.8	23251.8	23805.4
To non-Departmental Commercial Undertakings	436.8	471.2	487.2	100.4	0.0	0.2	0.2	0.1
Financial concerns	2152.0	2232.7	2306.4	4078.3	3550.6	3214.4	3149.6	2994.8
Others	748.1	803.8	521.0	1720.6	958.5	419.3	423.3	322.9
To others	1403.9	1428.9	1785.4	2357.7	2592.1	2795.1	2726.3	2671.9
Other Loans	391.1	490.8	412.1	389.4	326.2	320.0	276.2	356.3
To States & U.Ts.	1443.3	1059.5	1452.6	1372.7	996.5	1666.7	1839.9	2932.5
To local authorities	58.6	45.7	491.2	20.2	72.6	295.7	161.6	1453.7
To non-Departmental Commercial Undertakings	7.0	21.7	15.7	0.0	0.0	0.0	0.0	0.0
To foreign Governments	1212.3	808.7	671.0	1299.6	658.5	1101.0	1279.2	875.5
To others	46.9	18.6	268.1	46.7	31.7	84.4	105.0	215.0
Subscriptions to International Financial Organisations	118.5	164.8	6.6	6.2	233.7	185.6	294.1	388.3
Net Purchase of Domestic Gold and Silver	359.7	27.9	793.9	54.0	44.9	508.2	3435.7	1801.9
<b>Total</b>	21760.4	19178.8	19577.8	22648.1	27450.4	26101.1	33066.7	35029.1



**Table 28.12-ECONOMIC CLASSIFICATION OF THE CENTRAL BUDGET-Contd.**  
**Account 5-Changes in Financial Liabilities -Capital Account of Government**  
**Administration and Departmental Commercial Undertakings**

(Rs.crores)

Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Incomings</b>								
Market loans	8988.0	8920.9	4821.1	30065.5	21250.5	39547.6	5000.0	44722.7
External debt	5339.1	8279.3	9625.1	10023.5	9050.5	6758.8	9557.9	9899.3
Accounts under Indo-US agreement 1974	-	-	-	-	-	-	-	-
Loans	-	-	-	-	-	-	-	-
Dollar Credit	-	-	-	-	-	-	-	-
Investment of Deposit of U.S.Government Counter-part funds (net)	..	..	..	..	..	..	..	..
Special Credits(net)	-76.4	-196.5	-254.2	-132.5	-0.1	-	-	-
Revolving Fund	572.3	..	-	0.0	0.0	0.0	218.1	53.5
Loan from IMF Trust Fund	..	..	..	..	..	..	..	..
Others	4843.2	8475.8	9879.3	10156.0	9050.6	6758.8	9339.8	9845.8
Small Savings(net)	8308.9	5654.4	4372.7	7157.3	14425.7	10075.6	12270.0	10950.0
State Provident Funds(net)	1221.0	1286.0	1611.0	1790.3	2003.2	2261.0	950.0	650.0
Public Provident Funds	780.1	970.9	1341.0	1925.8	2129.9	2657.0	4200.0	4900.0
Compulsory Annuity Deposits	..	..	..	..	..	..	..	..
Compensation Bonds in respect of Nationalised Banks	-	-	-	-	-	-	-	-
Deposits of Non-Govt. Provident Funds(net)	6721.7	6098.7	6637.6	6981.9	7237.9	5167.9	8750.0	9900.0
Medium and long term loan	-	-	-	-	-	0.0	21473.5	0.0
Special borrowings from R.B.I. against Compulsory deposits (net)	-105.0	-55.0	-	-	-	-	-	-
Special Securities (net)	-	-	-	-	-	-	-	-
Treasury Bills(net)	11769.1	6887.2	16564.3	11591.2	-268.0	11463.1	4120.6	0.0
Special Treasury Bills	..	..	..	..	..	..	..	..
Other Treasury Bills(net)	11769.1	6887.2	16564.3	11591.2	-268.0	11463.1	4120.6	0.0
Special Bearer bonds (capital Investment Bonds)	-	-	-	-	-	-	-	-
Other debts (net)	-	-	-	-	-	-	-	-
Miscellaneous Capital receipts (net)	4002.9	2085.2	-151.6	-1898.7	6087.8	-4441.9	5183.3	6192.5
<b>Total</b>	<b>47025.8</b>	<b>40127.6</b>	<b>44821.2</b>	<b>67636.8</b>	<b>61917.5</b>	<b>73489.1</b>	<b>71505.3</b>	<b>87214.5</b>
<b>Outgoings</b>								
Repayment of market loans	987.4	1411.3	1144.7	1136.9	924.1	5547.2	975.5	10902.7
Repayment of external debt	2158.5	2858.2	4306.2	4949.8	5469.4	6441.1	6968.9	7464.5
Balance: Net increase in financial liabilities	43880.3	35858.1	39370.3	61550.1	55524.0	61500.8	63560.9	68847.3
<b>Total</b>	<b>47026.2</b>	<b>40127.6</b>	<b>44821.2</b>	<b>67636.8</b>	<b>61917.5</b>	<b>73489.1</b>	<b>71505.3</b>	<b>87214.5</b>

(a) Relates to Iran.

Note : Totals may not tally due to rounding off figures.

**Table 28.12- ECONOMIC CALASSIFICATION OF THE CENTRAL BUDGET-Concl.d.**  
**Account 6-Cash and Capital Reconciliation Account of Government**  
**Administration and Departmental Commercial Undertakings**

(Rs.crores)								
Items	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>Incomings</b>								
Net increase in financial liabilities-Balancing item Account - 5	43880.3	35858.1	39370.3	61550.1	55524.0	61500.8	63560.9	68847.3
Decrease in cash balance	-	-	539.1	-	1228.7	-	2779.1	-
<b>Total</b>	43880.3	35858.1	39909.4	61550.1	56752.7	61500.8	66340.0	68847.3
<b>Outgoings</b>								
Deficit on all transactions in commodities and services & transfers								
Balancing item Account 3	25634.7	21524.6	26486.4	43915.9	41145.6	40644.1	41070.4	47086.7
Net increase in financial assets - Balancing item Account 4	17823.3	14301.7	13423.0	16611.9	15607.1	19201.1	25269.6	21760.6
Increase in cash balance	422.3	31.8	-	1022.3	-	1655.6	-	-
<b>Total</b>	43880.3	35858.1	39909.4	61550.1	56752.7	61500.8	66340.0	68847.3

Source: Economic Division, Department of Economic Affairs Ministry of Finance



# INCOME TAX

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## CHAPTER 29

### Income Tax

Statistics presented in this section relate to returned income in respect of all returns with taxable income received by the Income Tax Department for the relevant assessment years. The coverage is based on returns and statements known as 150G prepared by the field.

Estimates are based on a sample of returns. Due to uneven receipt of summary sheets from field offices, substantial variation in the sampling fractions amongst the states and the status have been noticed. However, the tables in this Section provide estimates within reasonable margin of error at the All India Level.

The coverage of income tax statistics published earlier (upto 1983-84) was limited to the number of assessment forms received for tabulation by the Directorate of Inspection, Department of Income Tax and for the income tax statistics upto 1983-84, the earlier issues of publication may be referred.

The number of returns shown are those returns declaring incomes above taxable limits relating to relevant assessment year (AY)

**Returned Income:** Income returned by the assessee namely the 'total income' as given in the return.

**Tax Payable:** Tax including surcharge on returned income.





**Table 29.1**

This table analyses the time series data on returned income and tax payable according to the different status of assessee viz., (i) Individual, (ii) Hindu undivided family, (iii) Firm, (iv) Company and (v) Others (Association of persons and un-registered firms etc). It also provides data on different range of income returned by various status of assessee for the year 1995-96 of income returned, tax payable etc. Here only all-India tables are given. This is mainly due to non-receipt of requisite samples from the field in time, which was mainly due to the fact that the sample received from the field were both scanty and non-representative.

**Table 29.2**

This table analyses number of returns, gross income and gross tax for the assessment year 1995-96 according to source of income. An assessee having

income from more than one source is included under each one of the sources from which the income is derived.

**Table 29.3**

This table presents number of returns, amount of deductions claimed and total relief by nature of deductions for the assessment year 1995-96.

**Table 29.4**

This table presents rate of tax for assessment year 1996-97.

**Table 29.5**

This table analyses the number of returns, gross income and gross tax payable from business and profession by nature of business for non-company and company for the assessment year 1995-96.



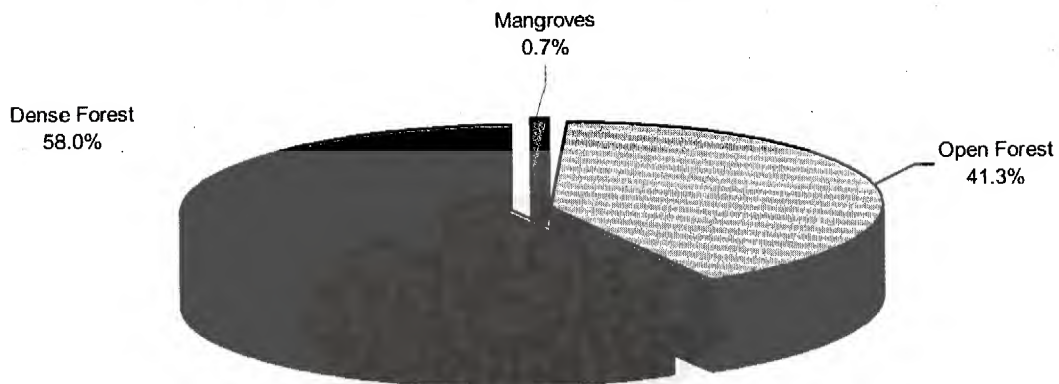
**Table 29.1 - NUMBER OF RETURNS, RETURNED INCOME AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE**

(Rs. '000)

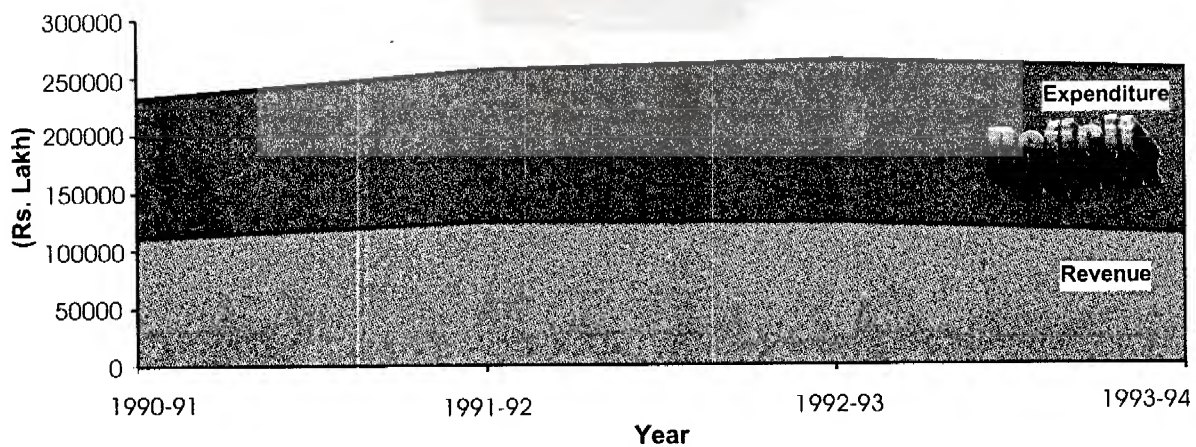
Assessment Year/Range of Returned Income	(i) Individual			(ii) Hindu Undivided Family		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	2	3	4	5	6	7
1990-91	3525376	154896819	28176239	223150	11404012	2262314
1991-92	3736609	211702594	35924110	203212	14678754	3637220
1992-93	4322804	244849210	41158217	226186	16399563	4059781
1993-94	4874440	290026964	53891115	244237	19000882	4857960
1994-95	6717453	424691962	78092249	304790	19812602	5458906
1995-96	6786781	743961667	67335055	293751	18564611	3358752
<b>1995-96</b>						
T.L-40	1013061	34150460	1125339	66141	1651975	165786
40-50	2578415	114421434	5885540	137600	6150098	688829
50-100	2348171	167228813	20206747	64696	4497397	734076
100-200	724786	96207277	19966640	19492	2639733	637183
200-300	55563	13405816	3696440	2618	635805	181210
300-400	23446	8057234	2346489	1112	386391	108689
400-500	14117	6320479	1785150	466	210135	62757
500-1000	19753	13721875	4189360	1098	781945	228087
1000 & above	9469	290448279	8133350	528	1611132	552135
Assessment Year/Range of Returned Income	(iii) Registered Firm			(iv) Others		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	8	9	10	11	12	13
1990-91	700244	56651898	6490578	22810	1983713	596358
1991-92	648019	56529862	8310249	20314	2451058	598623
1992-93	651790	61342507	8728372	25342	3051965	744896
1993-94	671930	58023004	8582687	32714	3165345	764675
1994-95	825878	67659219	10940969	57231	5642777	1592093
1995-96	772453	65811054	21419825	58558	5858097	1922265
<b>1995-96</b>						
T.L-40	152262	1949370	606565	31746	405738	137407
40-50	395939	17620266	5173620	17348	777519	220816
50-100	142553	10162979	3207830	5318	378341	119113
100-200	49647	7058579	2412036	2309	331416	111970
200-300	9418	2303740	836676	335	81832	28785
300-400	5955	2044973	753418	228	78767	29753
400-500	3803	1704721	625579	166	75097	27358
500-1000	7618	5454343	1955732	294	209447	75143
1000 & above	5258	17512083	5848369	814	3519940	1171920

T.L. -Taxable Level.

## FOREST COVER BY DENSITY CLASSES (1997)



## REVENUE & EXPENDITURE FROM/ON FORESTS



**Table 29.1 - NUMBER OF RETURNS, RETURNED INCOME AND TAX PAYABLE  
BY STATUS AND RETURNED INCOME RANGE-Concl'd.**

(Rs. '000)

Assessment Year/Range of Returned Income	(v) Company			(vi) All status		
	Number of Returns	Returned Income	Tax payable	Number of Returns	Returned Income	Tax payable
1	14	15	16	17	18	19
1990-91	55267	70895742	32189940	4526847	295832184	69715429
1991-92	64438	62914846	33514151	4672592	348277023	81984353
1992-93	68692	64431265	34326864	5294814	390074510	89018130
1993-94	81244	77744766	38552411	5904565	447960961	106648848
1994-95	138558	164819705	75839788	8043910	682626265	171924005
1995-96	170527	232153399	80707331	8082070	804948828	174743228
<b>1995-96</b>						
T.L-40	51029	698794	267278	1314239	38856337	2302375
40-50	47336	2140182	763562	3176638	141109499	12732367
50-100	16630	1225519	462757	2577368	183493049	24730523
100-200	11632	1707067	682527	807866	107944072	23810356
200-300	8169	2012384	791156	76103	18439577	5534267
300-400	5533	1924696	750181	36274	12492061	3988530
400-500	4427	1988151	772846	22979	10298583	3273690
500-1000	10999	8036655	3172045	39762	28204265	9620367
1000 & above	14772	212419951	73044979	30841	264111385	88750753

Source: Directorate of Income Tax, Ministry of Finance

T.L - Taxable Level



**Table 29.2 - NUMBER OF RETURNS, GROSS INCOME AND  
GROSS TAX-BY SOURCE OF INCOME  
Assessment year: 1995-96**

(Rs.'000)

Source of Income	Number of	Gross Returns	Gross tax Income
1	2	3	4
1. Salaries	2259297	165421272	19626663
2. Interest on securities	36112	735437	9300308
3. House property	917217	21123585	4159205
4. Business and profession			
Share in profit of RF	1382810	96804651	18839325
Share in profit of URF/AOP/BOI	15095	727729	131510
Own Business/Profession	3917749	486566585	109546880
Others	23289	1432948	406111
Total	5247528	585531913	128923826
5. Capital gains			
Short term	186148	17473806	5263444
Long term	214047	18232771	4993938
Total	350042	35706577	10257382
6. Other sources			
Dividends	824694	30331372	7811793
Others	1167716	149542887	40935922
Total	1822715	179874259	48747715
<b>Grand Total</b>	<b>8082070</b>	<b>988393043</b>	<b>216436204</b>

Source: Directorate of Income Tax, Ministry of Finance

RF - Registered Firm  
 URF - Unregistered Firm  
 AOP - Association of Persons  
 BOI - Body of Individuals

Note : The total number of returns shown under each source of Income and status is the net number of returns.

**Table 29.3 - DEDUCTIONS, REBATES AND RELIEF-BY NATURE OF DEDUCTIONS/REBATES**  
**Assessment Year: 1995-96**

(Rs. '000)

Nature of Deductions	Section	Number of Returns	Amount of deductions claimed	Estimated Tax relief
1	2	3	4	5
B/F Losses/Allowances Set Off		32351	9828185	3139692
Deductions claimed under Chapter VIA			173621030	38553284
L.I.P, P.F, N.S.C, U.T.I. etc.	80 C	3976343	39287298	7789941
Investment in new shares	80 CC	387084	2710433	504285
Deposits NSS	80 CCA	453507	4175539	1062395
Donations	80 G	157413	85241278	18870518
Rent paid	80 GG	39348	272719	72283
Indl. profits (Backward areas)	80 HH	13147	1914373	519885
S.S.I indl. profits	80 HHA	2587	298623	87574
Export Turnover	80 HHC	8889	22837609	5367961
Indl. profits	80 I	7850	3619855	914007
Dividends, Interest etc.	80 L	238486	1669923	396936
Inter-crop Dividends	80 M	13892	5671691	1437775
Profits-Indian Langs	80 QQA	103	718	203
Foreign Remun-profn. etc.	80 R	376	7138	2447
Foreign Remun-services	80 RRA	1038	28673	7075
Physical Disability	80 U	23779	93520	24235
Others			5791640	1495764
<b>Grand Total</b>			<b>183449215</b>	<b>41692976</b>

Source: Directorate of Income Tax, Ministry of Finance

**Table 29.4 - RATE OF TAX FOR ASSESSMENT YEAR 1996-97**

Income group (Rs.) Status	Tax rate(%)	Amount of tax	on maximum limit (Rs.)
1	2	3	4
1. Individual, H.U.F, U.R.F, A. O P/B.O.I. (1)	1-40000	-	-
	40001-60000	15	3000
	60001-120000	30	21000
	120000 and above	40	-
2. Co-operative Society	1-10000	10	1000
	10001-20000	20	3000
	20001 and above	35	-
3. Firm	Total income	40	-
4. Local Authority	Total income	30	-
5. Company			
(a) Domestic (2)	Total income	40	-
(b) Foreign Company:			
i. Royalties/Fees	Total income	50	-
ii. On the balance, if any, on the total income	Total income	55	-

Source: Directorate of Income Tax, Ministry of Finance

- (1) In the case of every individual or Hindu undivided family or association of persons or body of individuals, whether incorporated or not or every artificial juridical person.
- (2) In the case of every domestic company having a total income exceeding Rs.75000/= be increased by a surcharge calculated at the rate of 7.5% of such Income Tax.

**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS**  
Assessment year: 1995-96

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
01	Livestock Production	Non-company	3727	521884	50489
		Company	80	119565	33363
		Total	3807	641449	83852
02	Agricultural Services	Non-company	51	12918	3051
		Company	287	36046	14047
		Total	338	48964	17098
03	Forestry and logging	Non-company	143	24340	1862
		Company	35	2814	325
		Total	178	27154	2187
04	Fishing	Non-company	421	57714	9564
		Company	106	122649	39959
		Total	527	180363	49523
05	Coal Mining	Non-company	-	-	-
		Company	163	8044	2722
		Total	163	8044	2722
06	Crude Petroleum & Natural Gas	Non-company	-	-	-
		Company	9	16774452	4756464
		Total	9	16774452	4756464
07	Metal Ore Mining	Non-company	340	83403	24412
		Company	411	269119	95697
		Total	751	352522	120109
08	Other Mining	Non-company	1924	242787	31548
		Company	3115	249747	96628
		Total	5039	492534	128176
110	Tea	Non-company	420	778982	150829
		Company	1725	1578137	736212
		Total	2145	2357119	887041
111	Coffee	Non-company	203	59616	6776
		Company	31	11956	3232
		Total	234	71572	10008
11	Primary Sector Industries	Non-company	741	848444	174068
		Company	2253	1616469	749568
		Total	2994	2464913	923636
122	Grain Mill Products	Non-company	19758	1855399	138292
		Company	879	473183	56039
		Total	20637	2328582	194331
123	Bakery Products	Non-company	1392	97657	18119
		Company	312	119882	46115
		Total	1704	217539	64234
124	Sugar	Non-Company	2982	299221	32868
		Company	154	13986	4584
		Total	3136	313207	37452
126	Manufacture of Vanaspati Ghee and other edible oils etc.	Non-Company	12676	1437489	285993
		Company	1079	1512482	580430
		Total	13755	2949971	866423
12	Manufacture of Food Products	Non-Company	49263	5021022	1175381
		Company	3033	5222462	1583765
		Total	52296	10243484	2759146

**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Contd.  
Assessment year: 1995-96**

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
13	Manufacture of Beverages	Non-Company	622	310146	86046
		Company	413	512342	240081
		Total	1035	822488	326127
14	Manufacture of Tobacco and Tobacco products	Non-Company	2403	1550182	346139
		Company	1027	2317523	1095792
		Total	3430	3867705	1441931
21	Manufacture of Cotton Textiles	Non-Company	22909	2682017	652409
		Company	5656	3609681	1042330
		Total	28565	6291698	1694739
22	Manufacture of Wool and Woollen products	Non-Company	941	251752	29411
		Company	485	371412	151805
		Total	1426	623164	181216
23	Manufacture of Silk and Silk products	Non-Company	2954	380030	83925
		Company	248	466331	154264
		Total	3202	846361	238189
24	Manufacture of other textiles	Non-Company	105	59861	16115
		Company	300	104212	39884
		Total	405	164073	55999
25	Manufacture of Jute, Hemp and Mesta Textiles	Non-Company	708	106235	9788
		Company	-	-	-
		Total	708	106235	9788
26	Manufacture of Textile products	Non-Company	28476	1570487	278390
		Company	2130	2437111	758473
		Total	30606	4007598	1036863
27	Manufacture of Wood and Wood products	Non-Company	4791	525988	118437
		Company	646	560385	236364
		Total	5437	1086373	354801
280	Manufacture of Pulp, Paper Board, News Print etc.	Non-Company	2154	340109	63471
		Company	591	269232	100719
		Total	2745	609341	164190
282	Manufacture of Paper Board, Punching etc.	Non-company	942	167992	31541
		Company	87	107707	38242
		Total	1029	275699	69783
283	Printing and Publishing of Newspapers	Non-company	611	824058	104292
		Company	408	1362187	963079
		Total	1019	2186245	1067371
284	Printing and Publishing of Periodicals, Books, Maps etc.	Non-company	4606	473696	116327
		Company	782	432771	148458
		Total	5388	906467	264785
28	Manufacture of Paper, Paper Products, Printing, publishing etc.	Non-company	11531	1718874	440517
		Company	2427	3189825	1095208
		Total	13958	4908699	1535725
29	Manufacture of Leather and Fur Products	Non-company	1203	200728	27081
		Company	94	69336	23040
		Total	1297	270064	50121
30	Manufacture of Rubber, Plastic and their products	Non-company	7439	1574305	127514
		Company	2283	3115210	1374942
		Total	9722	4689515	1502456
31	Manufacture of Petroleum, Coal and their products	Non-company	945	120962	10817
		Company	42	14401	4819
		Total	987	135363	15636



**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Contd.  
Assessment year: 1995-96**

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
32	Manufacture of Chemicals	Non-company	1041	1975539	133058
		Company	870	4179639	2153779
		Total	1911	6155178	2286837
330	Fertilizers	Non-company	17	97268	6052
		Company	73	270045	136786
		Total	90	367313	142838
332	Paints, Varnishes and Lacquers	Non-company	1513	560079	34682
		Company	767	1299977	649429
		Total	2280	1860056	684111
333	Drugs and Pharmaceuticals	Non-company	2999	2009560	153864
		Company	1555	5438809	2837375
		Total	4554	7448369	2991239
334	Perfumes, Cosmetics and Toilet Preparations	Non-company	6131	748202	203689
		Company	442	749148	350612
		Total	6573	1497350	554301
33	Manufacture of Chemical products (except petroleum)	Non-company	13983	4280476	242087
		Company	4534	11228940	5630940
		Total	18517	15509416	5873027
340	Manufacture of Structural Clay Products (Bricks etc.)	Non-company	9727	806756	72044
		Company	271	57498	35365
		Total	9998	864254	107409
34	Manufacture of Non-Metallic products	Non-company	12058	1766252	168386
		Company	2080	3006091	1287060
		Total	14138	4772343	1455446
350	Integrated Steel Plants	Non-company	222	281684	12625
		Company	33	822985	357346
		Total	255	1104669	369971
351	Mini Steel Plants	Non-company	4	19166	1394
		Company	448	35902	17570
		Total	452	55068	18964
352	Foundries, Iron and Steel	Non-company	4379	1211741	141188
		Company	1903	2353412	1096212
		Total	6282	3565153	1237400
35	Basic Metal and Alloy Industries	Non-company	7139	2074004	122788
		Company	3097	4358279	2154827
		Total	10236	6432283	2277615
360	Manufacture of Structural metal products	Non-company	1758	458534	40877
		Company	507	1250199	427637
		Total	2265	1708733	468514
361	Manufacture of Metal Products	Non-company	-38	66485	6013
		Company	746	124360	67944
		Total	708	190845	73957
36	Manufacture of Metal Products, except Machinery	Non-company	6588	1093795	142753
		Company	2154	2360645	925938
		Total	8742	3454440	1068691
400	Manufacture of Agricultural Machinery	Non-company	916	735347	41748
		Company	134	1837788	1003431
		Total	1050	2573135	1045179
401	Manufacture of Prime movers, Boilers etc.	Non-company	231	316232	17140
		Company	372	770122	410108
		Total	603	1086354	427248

**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Contd.**  
**Assessment year: 1995-96**

(Rs. '000)					
Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
402	Manufacture of Food, Textile, Chemical and Mining Machinery	Non-company	789	196601	19439
		Company	368	394015	220493
		Total	1157	590616	239932
403	Manufacture of Refrigerators, Air-Conditioners, Fire Fighting Equipments etc.	Non-company	404	89620	7099
		Company	63	222992	116599
		Total	467	312612	123698
404	Manufacture of Machine Tools etc.	Non-company	1383	321210	78746
		Company	879	518563	198537
		Total	2262	839773	277283
405	Manufacture of Office Computing and Accounting Machines	Non-company	29	79191	5851
		Company	18	226217	107037
		Total	47	305408	112888
40	Manufacture of Machinery, Machine Tools etc, except Electrical Machinery	Non-company	26996	3977128	615625
		Company	6178	8752693	3697820
		Total	33174	12729821	4313445
411	Manufacture of Insulated Wires and Cables	Non-company	2238	410306	19247
		Company	418	1203836	584627
		Total	2656	1614142	603874
412	Manufacture of Dry and Wet Batteries	Non-company	2	28665	1169
		Company	21	89392	45180
		Total	23	118057	46349
413	Manufacture of Electrical Appliances, apparatus etc.	Non-company	501	524944	23962
		Company	585	1571702	695036
		Total	1086	2096646	718998
41	Manufacture of Electrical & Electronic Machinery, and Appliances etc.	Non-company	5565	2174848	276187
		Company	2434	5584677	2667027
		Total	7999	7759525	2943214
42	Manufacture of Electric and Electronic Equipments (Computers, Calculators etc.)	Non-company	617	662268	96597
		Company	594	1629178	768496
		Total	1211	2291446	865093
432	Manufacture of Motor vehicles (Cars, trucks etc.)	Non-company	882	604553	27413
		Company	393	1507379	673322
		Total	1275	2111932	700735
433	Manufacture of Motor cycles, Scooters etc.	Non-company	4048	530119	64737
		Company	259	223121	71494
		Total	4307	753240	136231
434	Manufacture of Bicycle, Rickshaws etc.	Non-company	1466	255573	23330
		Company	129	612772	330330
		Total	1595	868345	353660
43	Manufacture of Transport Equipment and Parts	Non-company	8106	1816060	263126
		Company	1724	3469418	1364129
		Total	9830	5285478	1627255
441	Manufacture of Medical, Surgical and Scientific Equipment	Non-company	250	65778	13992
		Company	226	71496	28556
		Total	476	137274	42548
443	Manufacture of Jewellery and related articles	Non-company	15409	937019	100007
		Company	560	258733	78524
		Total	15969	1195752	178531
44	Other Manufacturing Industries	Non-company	62376	5082584	715963
		Company	4205	2012287	522024
		Total	66581	7094871	1237987

**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Contd.**  
**Assessment year: 1995-96**

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
50	Electricity	Non-company	-	-	-
		Company	10	42660	18443
		Total	10	42660	18443
51	Gas and Steam	Non-company	88	26970	7762
		Company	53	45397	18477
		Total	141	72367	26239
530	Construction and Maintenance of Buildings	Non-company	44482	7128693	662184
		Company	2824	1161308	358086
		Total	47306	8290001	1020270
531	Construction and Maintenance of Roads, Railways, Bridges etc.	Non-company	932	3493673	198584
		Company	31	9614915	4889229
		Total	963	13108588	5087813
53	Construction	Non-company	54205	9243114	1218534
		Company	3282	11380270	4889550
		Total	57487	20623384	6108084
54	Activities allied to Construction	Non-company	299	349391	23637
		Company	82	918051	411301
		Total	381	1267442	434938
600	Wholesale Trade in Cereals and Pulses	Non-company	1848	149613	25138
		Company	27	7343	1660
		Total	1875	156956	26798
601	Wholesale Trade in Food Stuff other than Cereals and Pulses	Non-company	64193	7760624	825993
		Company	1589	1260453	390610
		Total	65782	9021077	1216603
602	Wholesale Trade in Textiles and Textile products	Non-company	106021	12630107	1499748
		Company	4128	1684748	546748
		Total	110149	14314855	2046496
604	Wholesale Trade in Intoxicants	Non-company	134	710564	116368
		Company	122	116603	37586
		Total	256	827167	153954
605	Wholesale Trade in Tobacco and Tobacco products	Non-company	9375	1312474	248784
		Company	1597	632059	233494
		Total	10972	1944533	482278
60	Wholesale Trade in Food, Textiles, Live Animals, Beverages and Intoxicants	Non-company	218091	23020811	2740595
		Company	11642	3890694	1227848
		Total	229733	26911505	3968443
610	Wholesale Trade in Medicines and Chemicals	Non-company	10378	1263849	164138
		Company	1067	440491	149266
		Total	11445	1704340	313404
614	Wholesale Trade in Metals	Non-company	30345	3213186	357652
		Company	2929	639851	205343
		Total	33274	3853037	562995

**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS -Contd.  
Assessment year: 1995-96**

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
617	Wholesale Trade in Medicines	Non-company	11929	1275585	151473
		Company	334	157085	50359
		Total	12263	1432670	201832
61	Wholesale Trade in Fuel, Chemicals, Metals and Glass etc.	Non-company	92188	11895168	3437069
		Company	7592	15536369	4905946
		Total	99780	27431537	8343015
620	Wholesale Trade in Petrol, Mobile oil, LPG etc.	Non-company	7937	843009	92831
		Company	53	89495	30434
		Total	7990	932504	123265
621	Wholesale Trade in Wood, Cane, Bamboo etc.	Non-company	22573	2739955	253492
		Company	353	325000	98706
		Total	22926	3064955	352198
625	Wholesale Trade in Leather and Leather Goods	Non-company	2764	312639	64887
		Company	95	154008	49916
		Total	2859	466647	114803
62	Wholesale Trade in Wood, Paper, other Fabrics, Skins, Inedible Oils etc.	Non-company	44361	4832831	515176
		Company	1267	1036625	350617
		Total	45628	5869456	865793
630	Wholesale Trade in Agriculture and Agricultural Machinery and Equipments	Non-company	10773	995516	111637
		Company	513	209553	64173
		Total	11286	1205069	175810
631	Wholesale Trade in Electrical Machinery and equipment	Non-company	23035	3008260	321771
		Company	1967	587966	135313
		Total	25002	3596226	457084
632	Wholesale Trade in Transport and Storage equipments	Non-company	29484	3621397	415907
		Company	861	667986	171798
		Total	30345	4289383	587705
63	Wholesale Trade in all types of Machinery, equipment including Transport equipment etc.	Non-company	80711	7725173	882114
		Company	3414	1365504	480725
		Total	84125	9090677	1362839
641	Wholesale Trade in Tyre, Rubber and Rubber products	Non-company	4930	489065	98086
		Company	71	52876	17559
		Total	5001	541941	115645
646	Wholesale Trade in Hardware and Sanitary equipment	Non-company	22390	2090465	248015
		Company	217	25479	85373
		Total	22607	2115944	333388
648	Wholesale Trade in Precious Metal, Stones and Jewellery	Non-company	28545	2340076	374853
		Company	235	250585	83658
		Total	28780	2590661	458511
64	Wholesale Trade in Misc. Manufactures	Non-company	543387	50592374	7189861
		Company	9563	7582971	2019409
		Total	552950	58175345	9209270
650	Grain and Grocery stores	Non-company	137142	6671630	436960
		Company	1113	716388	219821
		Total	138255	7388018	656781
651	Vegetable and Fruit selling	Non-company	3943	326083	23608
		Company	-	-	-
		Total	3943	326083	23608
65	Retail Trade in Food Articles, Beverages, Tobacco and Intoxicants	Non-company	170193	8968403	602176
		Company	2152	977586	283239
		Total	172345	9945989	885415
66	Retail Trade in Textiles	Non-company	184852	11185485	946589
		Company	1995	1189322	319614
		Total	186847	12374807	1266203

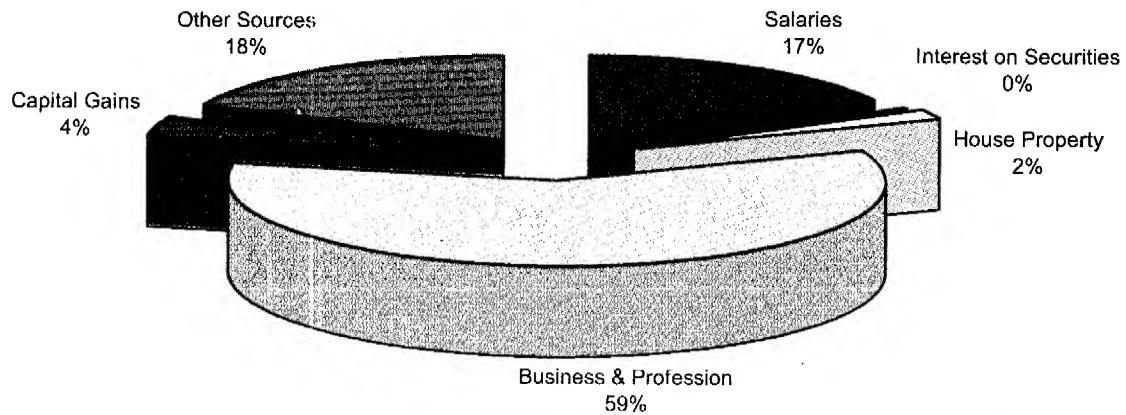


**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Contd.**  
**Assessment year: 1995-96**

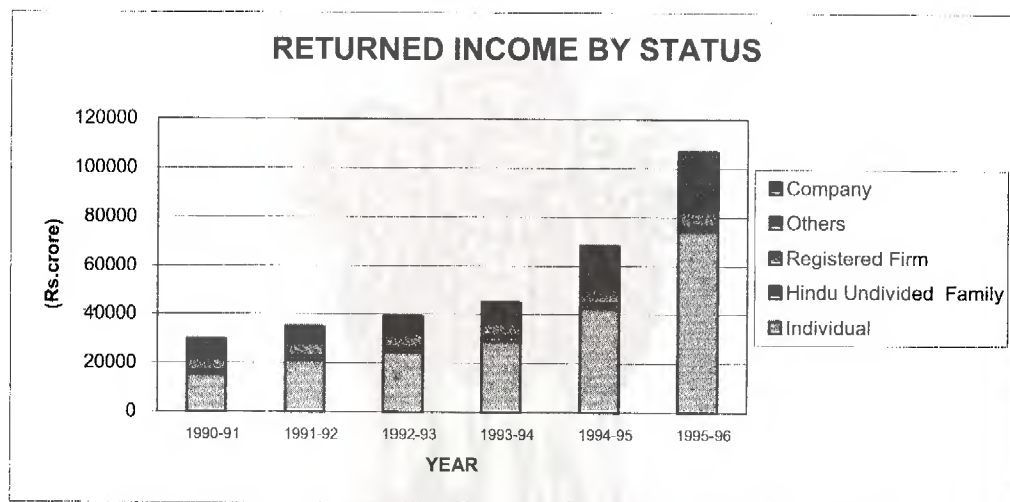
(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
674	Dealers in Electric and Electronic goods	Non-company	18838	1051746	173441
		Company	132	111656	36568
		Total	18970	1163402	210009
676	Jewellery Marts	Non-company	24679	1216208	182842
		Company	169	129116	41052
		Total	24848	1345324	223894
67	Retail Trade in Fuels, other house-hold utilities and durables	Non-company	40535	3956965	294158
		Company	611	433118	145832
		Total	41146	4390083	439990
680	Medical shops	Non-company	32999	1822365	264407
		Company	226	193468	67264
		Total	33225	2015833	331671
681	Book Sellers and Stationers	Non-company	8613	496427	76519
		Company	-	-	-
	Total	8613	496427	76519	-
682	Dealers in building materials	Non-company	15622	857061	145566
		Company	-	-	-
		Total	15622	857061	145566
683	Dealers in transport equipments	Non-company	27800	1394861	208682
		Company	-	-	-
		Total	27800	1394861	208682
684	Petrol filling stations	Non-company	10670	698829	158189
		Company	219	199459	73359
		Total	10889	898288	231548
685	General stores	Non-company	28608	1748859	298825
		Company	243	185662	59101
		Total	28851	1934521	357926
68	Retail trade in others	Non-company	899185	39652144	6286113
		Company	5965	14895241	3832134
		Total	905150	54547385	10118247
69	Restaurants and Hotels	Non-company	20230	2143252	404728
		Company	1100	1414023	386779
		Total	21330	3557275	791507
70	Land Transport	Non-company	33583	4346047	767107
		Company	1669	1499159	405658
		Total	35252	5845206	1172765
71	Water Transport	Non-company	474	186103	10238
		Company	116	422915	198885
		Total	590	609018	209123
72	Air Transport	Non-company	336	52502	12375
		Company	112	29531	11001
		Total	448	82033	23376
73	Services incidental to transport	Non-company	611	65793	3772
		Company	249	159900	81118
		Total	860	225693	84890
74	Cold storage and Warehousing	Non-company	1010	72943	14705
		Company	174	59208	20414
		Total	1184	132151	35119
800	Banking	Non-company	2499	3153675	359183
		Company	1637	6165736	2957156
		Total	4136	9319411	3316339

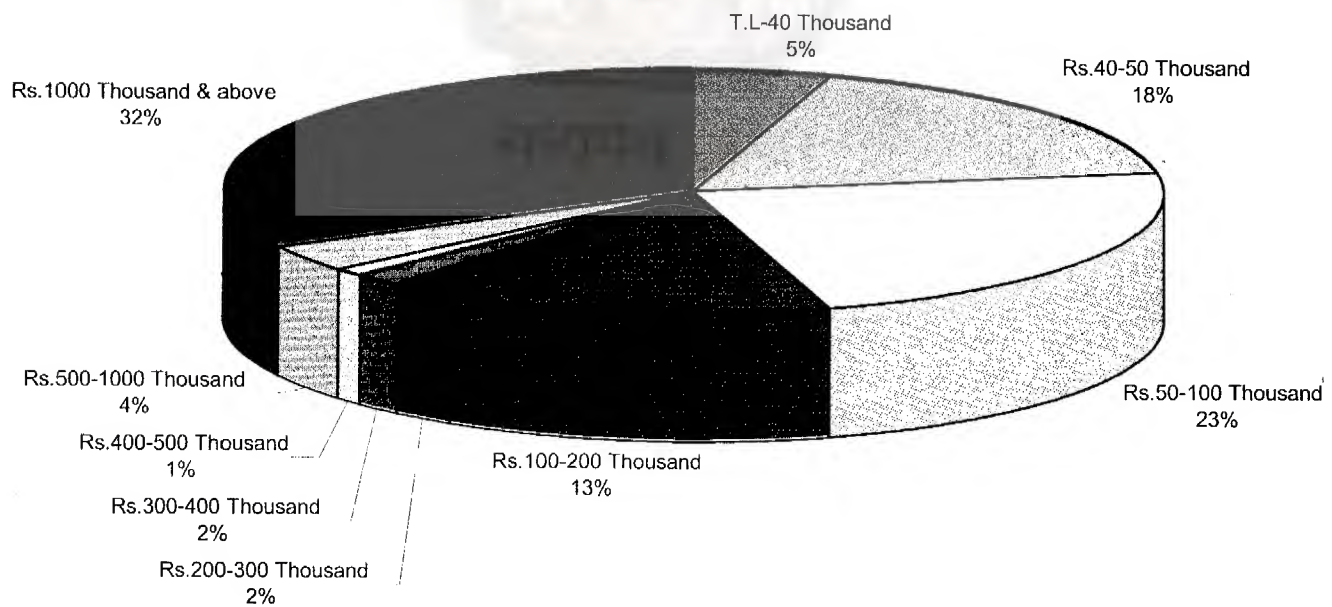
## GROSS INCOME BY SOURCE OF INCOME (Assessment Year 1995-96)



## RETURNED INCOME BY STATUS



## RETURNED INCOME BY ITS RANGE ( 1995-96 )



**Table 29.5 - NUMBER OF RETURNS, GROSS INCOME AND GROSS TAX FROM BUSINESS  
AND PROFESSION BY NATURE OF BUSINESS-Concl'd.**

**Assessment year: 1995-96**

(Rs. '000)

Code	Nature of Business	Status	Number of Returns	Gross Income	Gross Tax
1	2	3	4	5	6
801	Financial Institutions	Non-company	324	50044	6503
		Company	681	77315	35891
		Total	1005	127359	42394
80	Banking and Financial Institutions.	Non-company	95191	10501344	4016165
		Company	16917	10132202	2113896
		Total	112108	20633546	6130061
81	Provident Fund and Insurance Services	Non-company	4671	250714	26169
		Company	101	26617	9015
		Total	4772	277331	35184
82	Business Services.	Non-company	451486	34907993	6011789
		Company	12281	9734637	2046289
		Total	463767	44642630	8058078
83	Real Estate	Non-company	43315	1989663	392968
		Company	2095	1071168	355704
		Total	45410	3060831	748672
84	Legal Services	Non-company	4908	2849836	576854
		Company	442	1083282	333402
		Total	5350	3933118	910256
93	Medical & Health Services	Non-company	186805	11399095	2501680
		Company	1425	1195383	348718
		Total	188230	12594478	2850398
95	Recreational and Cultural Services	Non-company	17134	2069723	269529
		Company	733	306260	101683
		Total	17867	2375983	371212
97	Personal Services	Non-company	65536	4103813	468123
		Company	456	461149	155972
		Total	65992	4564962	624095
98	Repair Services	Non-company	6698	325299	19723
		Company	109	55089	18191
		Total	6807	380388	37914
99	Services not elsewhere classified	Non-company	230818	20305447	2532190
		Company	2022	2065842	650007
		Total	232840	22371289	3182197
<b>Total</b>		Non-company	3777007	309785429	48645433
		Company	140742	176781156	60901447
		Total	3917749	486566585	109546880

Source: Directorate of Income Tax, Ministry of Finance







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## CHAPTER 30

# Exchange, Coinage and Currency

**T**his section presents data on exchange and money rates, price of bullion and government securities, coinage and currency. The sources of data regarding coinage are the Mint Masters of the Bombay and Calcutta Mints and for the other tables the Reserve Bank of India.

**Table 30.1**

This table provides data regarding Money Rates in India which are defined as the rates at which the various classes of banks in the country are prepared to discount or rediscount bills of exchange, to give loans and advances, or to accept deposits. Various money rates mentioned in this table are described below:

### Reserve Bank of India

**Bank Rate** - The standard rate at which the Reserve Bank of India is prepared to buy or rediscount bills of exchange or other commercial paper eligible for purchase under the Reserve Bank of India Act, 1934. The Bank Rate was raised from 10.00 per cent to 11.00 per cent from July 4, 1991. It was further revised from, 11.00 per cent to 12.00 per cent from October 8, 1991. The Bank Rate was further reduced by one percentage point to 11.00 per cent with effect from the close of business on April 15, 1997. It was again revised to 10.00 per cent with effect from the close of business on June 25, 1997. The Bank Rate was further reduced by one percentage point to 9.00 per cent with effect from October 21, 1997 which was raised to 11.00 per cent annum with



effect from the close of business on January 16, 1998. The Bank Rate was further reduced to 10.50 per cent effective March 18, 1998. Effective April 2, 1998, the Bank Rate was reduced by one-half of one percentage point to 10.00 per cent, which was further reduced by one percentage point to 9.00 per cent per annum effective April 29, 1998.

#### **State Bank of India**

**Discount Rate** - The rate at which the State Bank of India discounts commercial bills for first three month months. The discount rate was reduced to 16.00 per cent effective March 1, 1993 and further to 14.00 per cent effective September 9, 1993.

**Advance Rate** - The Bank's prime lending rate, which regulates all interest rates for the various categories and classes of advances granted by the Bank.

**Demand Loan Rate** - Basic advance rate at which the State Bank of India grants demand loans to scheduled commercial banks against Government securities. Call loans to co-operative banks against Government securities are granted at a rate lower than call loan rate to other commercial banks.

#### **Other selected major Scheduled Commercial banks**

**Call Money Rate** - Relates to inter-bank advances repayable on call at the option of the lender. Deposits requiring prior notice of any type for repayment are not included while over-night deposits are included. Weighted average of borrowing rates reported by selected banks, weights being proportional to amounts borrowed.

#### **Table 30.2**

**Prices of Silver** - Relate to spot quotations showing highest, lowest, average prices of silver in London,

New York and Bombay. Average prices are the average of closing quotations for working days.

#### **Table 30.3**

Number and value of coins minted- Figures relate to coins minted by India Government Mints, Bombay and Calcutta. Indian mints have also minted coins for foreign countries like East Africa, Sri Lanka, Bhutan, Malaysia, Straits Settlements, Iraq and Egypt, the figures for the number and value of which are shown in brackets. Coins have been classified according to their metal content described as under.

**Cupro-Nickel** - Includes 10 naya paise, 5 naya paise and 2 naya paise introduced on 1st April, 1957. This also includes 50 paise and 25 paise introduced in January, 1972 and 50 paise commemorative coins introduced on the occasion of the 25th Anniversary (Silver Jubilee) of India's Independence in August, 1972 in addition to 50 paise coins with development oriented designs introduced on 15 August, 1973. This also includes 2 Rupee and 50 paise coins (IXth Asian Games, Delhi) introduced on 3-12-82 and 1 Rupee and 50 paise (National Integration) coins introduced on 20-12-82. On the occasion of International Youth Year 1985, Proof Coins having the denominations of 10 Rupee and 1 Rupee were minted/introduced in the year 1986-87 and uncirculated coins having the denomination of Rupee 10 were minted/introduced in the year 1986-87 and 1987-88.

**Aluminium Magnesium** - Coins of this metal were first introduced in 1964-65 and it includes 1 paise, 2 paise, 3 paise and 5 paise coins. 1 paise coins were introduced in October, 1965; 2 paise coins in July, 1965; 3 paise coins in October, 1964; 5 paise coins in January, 1967 and 10 paise coins in October, 1971 and also includes 10 paise with development oriented designs (Planned Families - Food for All) coins introduced from the 15th August, 1974. This also includes 20 paise and 10 paise (National Integration) coins introduced on 12-10-82.

Table 30.4

**Notes in Circulation** - Comprise the notes held outside the Reserve Bank, i.e. by the public, banks, treasuries, etc. One rupee notes and coins issued by the Government of India are excluded.

**Gold coins & bullion and foreign securities** - As required in Section 33(2) of the Reserve Bank of India Act, the aggregate value of the gold coin, gold bullion and foreign securities held in the Issue Department at any time should not be less than Rs. 200 crores. Of this, the aggregate value of the gold coin and gold bullion should not be less than Rs. 115 crores.

**Foreign Security** - Represents securities payable in the currency of any foreign country which is a member of the International Monetary Fund.

**Rupee Coin** - Represents the face value of the whole rupees held at the offices of the Issue Department of the Reserve Bank of India and in currency chests at offices and branches of the Bank and its agencies and sub-agencies including Treasury agencies. Since July 1940, Rupee coin holdings include one Rupee notes issued by the Government of India under the Currency Ordinance, 1940. Mahatma Gandhi Birth Centenary ten Rupee silver coins and World Food and Agriculture Organisation commemorative ten Rupee silver coins and Independence Day Silver Jubilee ten Rupee coins issued by the Government of India in October, 1969, October, 1970 and August, 1972 and two Rupee coins issued since November 1982 are also included.

**Government of India Rupee Securities** - These are securities of any maturity issued by the Central Government in respect of public loans and also include rediscounted treasury bills and Government of India adhoc treasury bills issued to the Reserve Bank. The securities are valued yearly at the market rates on the last working day of the month of June.

Table 30.5

Money Stock Measures (M1) consist of currency with the public (notes and coins in circulation less cash in hand with banks) and deposit money of the public.

**Notes** - Comprise the notes issued by the Government of India upto April 1935 and the Reserve Bank since then, less the notes held in the Banking Department of the Reserve Bank. These comprise therefore, the notes, held outside the Reserve Bank i.e., by the public, banks, treasuries, etc., and are net of return of about Rs. 43 crores of Indian notes from Pakistan upto April 1985.

**Rupee coin** - As in the case of notes, holdings in the Banking Department of the Reserve Bank of India are excluded, but Rupee coin held by Government Treasuries as part of Treasury balances and those held by banks have been included. Ten Rupee commemorative coins issued since October 1969, two Rupee coins issued since November 1982 and five Rupee coins issued since November 1985 are also included under Rupee coins. Figures are also net of an estimated amount of Rs. 15 crores of Indian Rupee coin in circulation in Pakistan.

**Small coins** - The circulation of small coins as presented in table 30.4 includes also small coins held by the Government, Treasuries and banks. As in the case of Rupee coins, holdings of small coins in the Banking Department of the Reserve Bank of India are excluded. Figures relate to the last day of the period.

**Cash in hand with banks** - Relates to such holdings of commercial and co-operative banks coming under the purview of the Banking Regulation Act, 1949.

Table 30.6

**Absorption of small coins** - Figures relate to the Indian Union.

**Table 30.1-MONEY RATES IN INDIA**

(percent per annum)

Year	Reserve Bank	State Bank of India		Major commercial bank	
	Bank rate	Discount rate	Advance rate	Demand loan rate Scheduled Commercial banks	Call money Rate (Mumbai)
1	2	3	4	5	6
1990-91	10.00	15.50	16.50	16.50	11.49
1991-92	10-12	15.5-19.0	16.5-20.0	16.5-22.5	19.57
1992-93	12.00	16.0-18.0	19.0	19.5-21.5	14.42
1993-94	12.00	14.0-16.0	19.0	17.5-19.5	6.99
1994-95	12.00	13.0-14.0	15.0	16.5-17.5	9.40
1995-96	12.00	14.0-14.5	16.5	17.5-18.0	17.73
1996-97	12.00	..	14.50	14.5-18.0	7.84
1997-98	10.50	..	14.00	..	8.69

Source: Reserve Bank of India

**Table 30.2-SPOT PRICES OF SILVER IN LONDON, NEW YORK AND BOMBAY (1)**

Year	London (per Pence gram)			New York (per Cents gram)			Mumbai (Rs. per kg.) (2)		
	Highest	Lowest	Average	Highest	Lowest	Average	Highest	Lowest	Average
1	2	3	4	5	6	7	8	9	10
1991	9.08	5.89	7.37	14.57	11.52	12.99	7051.00	6260.00	6760.79
1992	8.17	5.90	7.19	13.87	11.67	12.65	9390.00	6632.00	7332.41
1993	11.75	7.38	9.26	17.20	11.40	13.81	8750.00	5471.00	7078.39
1994	12.43	10.26	10.27	18.50	14.87	16.99	7342.00	5546.00	6348.12
1995	12.09	8.61	10.55	19.32	14.02	16.70	7272.00	6023.00	6692.31
1996	12.34	9.03	10.83	18.62	15.01	16.66	8486.00	6400.00	7220.50
1997	12.07	8.14	9.43	19.95	13.54	15.76	7711.00	6710.00	7165.07
1998	..	..	..	..	..	..	9350.00	6130.00	7352.00

Source: 1. Bombay Bullion Association  
2. Press Trust of India

- (1) The price of Silver in London and New York per gram are obtained, using the conversion factor 1 fine ounce=31.10 grams. Spot quotations for Silver at Mumbai relate to 0.999 fineness.
- (2) Data for Mumbai relate to the year ending March of the year stated, while those for London and New York markets relate to calendar year.



Table 30.3-NUMBER AND VALUE OF COINS MINTED

(Number: '000)

(Value: Rs. '000)

Year ending March	Aluminium- magnesium		stainless steel (1)		Cupro-Nickel		Total	
	Number	Value	Number	Value	Number	Value	Number	Value
1	2	3	4	5	6	7	8	9
(Calcutta mint)								
1990-91	206542	32493	79250	31041	160127	205447	445919	268981
1991-92	125038	20877	113965	32392	172500	232600	411503	285869
1992-93	37880	2267	158525	61319	216305	269205	412710	332791
1993-94	82055	6770	91030	80981	232500	887100	405585	974851
1994-95	-	-	240785	136061	180210	721620	420995	857681
1995-96	-	-	102932	49972	214700	843100	317632	893072
1996-97	-	-	263100	166114	205723	779006	468823	945120
1997-98	-	-	244783	168478	189400	721400	434183	889878
(Bombay Mint)								
1990-91	46552	4655	162988	35913	169786	22271	379324	263359
1991-92	41570	4157	141628	48751	216804	232815	400002	285723
1992-93	34323	3001	80595	27140	191370	274777	306288	304918
1993-94	2095	210	78913	75594	227333	710740	308341	786544
1994-95	4	-	205933	130488	204015	662015	409952	792503
1995-96	-	-	99543	56553	309451	922315	408994	978868
1996-97	-	-	241183	186003	160018	552080	401201	738083
1997-98	-	-	223955	162944	177031	595395	400986	758339

Sources: 1. India Government Mint, Bombay

2. India Government Mint, Calcutta

Table 30.4-STATISTICS OF NOTES IN CIRCULATION IN INDIA

(Rs. Crores)

Last Friday of March	Notes issued	Notes held in the banking deptt.	Notes in circul- ation	Reserve against note issue			
				Gold coin & bullion	Rupee coin (1)	Government of India Rupee Securities	Foreign Securit- ies
1	2	3	4	5	6	7	8
1990-91	53807	23	53784	6654	29	46924	200
1991-92	62290	19	62271	8045	64	53981	200
1992-93	69795	14	69781	9211	45	60339	200
1993-94	83832	7	83825	10108	27	73496	200
1994-95	102342	40	102302	11477	116	80550	10200
1995-96	120107	35	120073	13751	115	96041	10200
1996-97	134907	18	134889	11922	144	97640	25200
1997-98	148550	31	148520	9877	27	92946	45700

Source: Reserve Bank of India

(1) Includes G.O.I. one rupee notes issued from July, 1940.

**Table 30.5-MONEY STOCK MEASURES**

(Rs. crores)

As on March 31 (3)	Currency with the Public					Deposit Money of the public	Total money supply(M1) (col.6+7)
	Notes in circulation	Circulation of Rupee coins (1)	Circulation of small coin (1)	Cash on hand with bank (2)	Total (Col.2+3+ 4-5)		
1	2	3	4	5	6	7	8
1990-91	53661	936	685	2234	53048	39844	92892
1991-92	62034	975	729	2640	61098	53308	114406
1992-93	69502	1044	780	3053	68273	55793	124066
1993-94	83405	1161	829	3094	82301	68477	150778
1994-95	102302	1498	881	4000	100681	91576	192257
1995-96	120066	1563	940	4311	118258	96577	214835
1996-97	134299	1927	991	5130	132087	108528	240615
1997-98	147703	2073	1047	5641	145182	122040	267222

Source: Reserve Bank of India

- (1) Estimated: Ten-rupee commemorative coins issued since October 1969, two-rupee coins issued since November 1982 and five-rupee coins issued since November 1985 are included under rupee coins.
- (2) Banks include commercial and co-operative banks.
- (3) Data pertain to March 31. However, from March 1989 onwards while the data in respect of Reserve Bank, Co operative Banks and other items pertain to March 31, the data in respect of Scheduled Commercial Banks relate to the last reporting Friday of March.

**Table 30.6-MOVEMENTS IN CIRCULATION OF DECIMAL COINS**  
**(Denomination-wise)**  
**[Absorption (+) or Return (-)]**

(Rs.million)

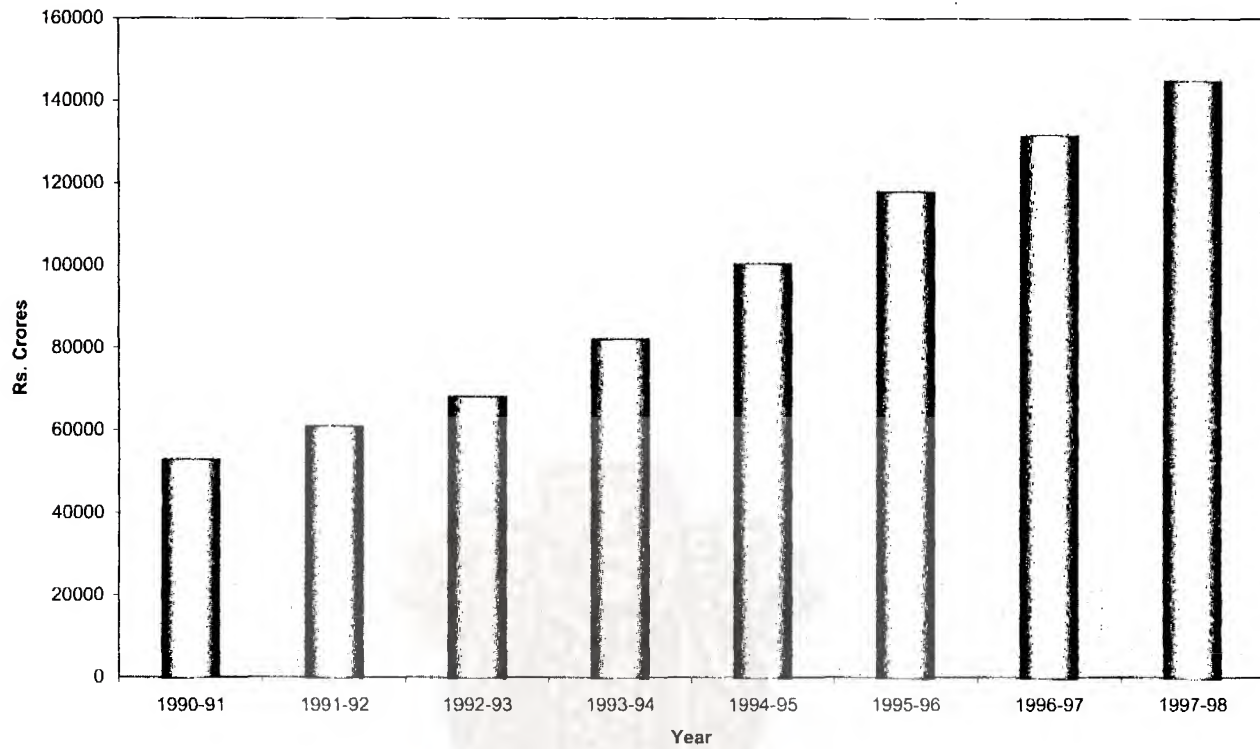
Year	50 paise	25 paise	20 paise	10 paise	5 paise	3 paise	2 paise	1 paise	Total paise
1	2	3	4	5	6	7	8	9	10
1990-91	169.3	137.7	56.9	87.1	5.7	.*	-0.58*	.*	456.2
1991-92	251.1	188.5	47.5	46.9	4.3	.*	-96.7*	.*	441.6
1992-93	273.7	156.7	34.8	39.1	3.6	.*	+0.3*	.*	508.2
1993-94	283.3	140.8	30.2	28.7	4.3	.*	-0.1*	.*	487.2
1994-95	298.7	172.7	25.8	21.4	3.5	.*	-0.2*	.*	521.9
1995-96	415.1	125.9	24.0	23.1	2.5	.*	-0.2*	.*	590.4
1996-97	262.6	198.7	22.6	27.2	2.6	.*	-0.2*	.*	513.5
1997-98	455.4	132.5	15.3	36.0	0.3	.*	.*	.*	639.2

Source: Reserve Bank of India

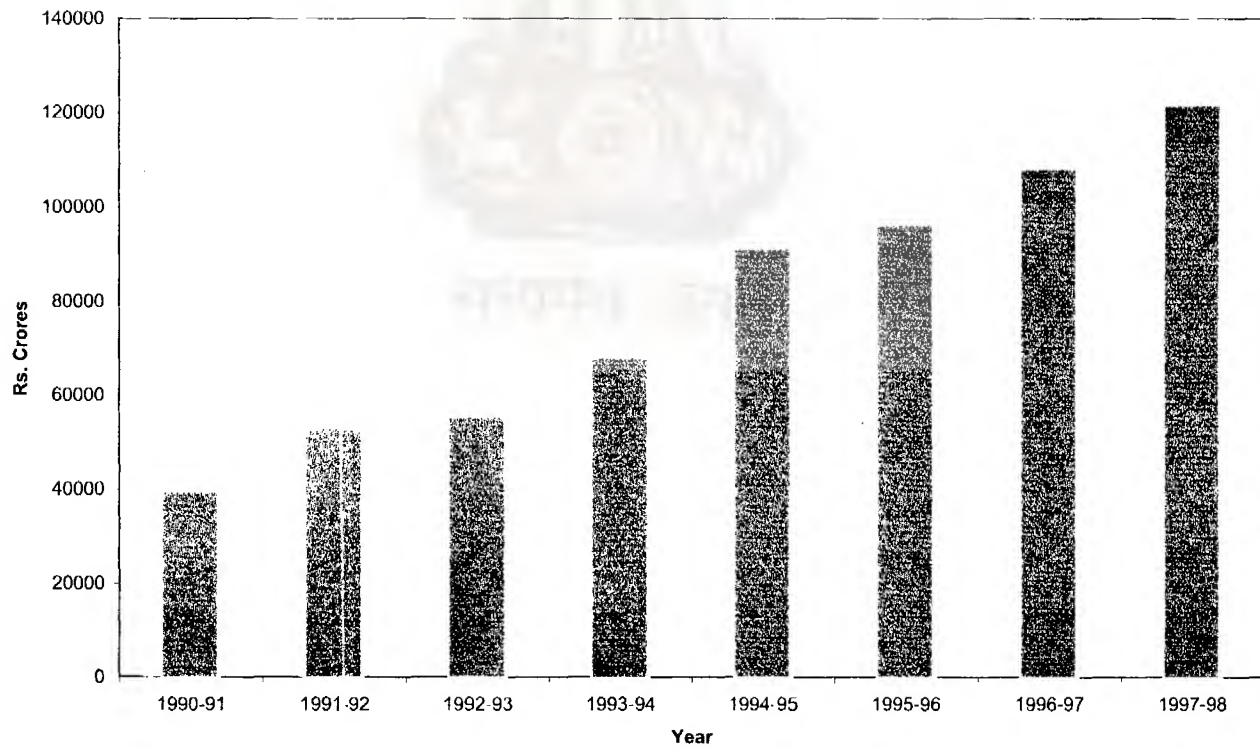
## Notes:

1. Anna-Pie coins are included in \* i.e. figure is inclusive of uncurrent and withdrawn coins in all denominations.
2. Return is shown with (-) sign, other figures relate to absorption.

## TOTAL MONEY SUPPLY



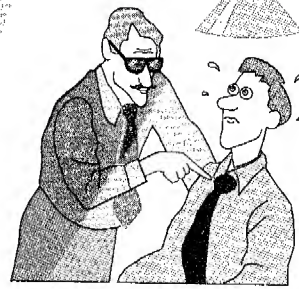
## CURRENCY WITH THE PUBLIC











# CRIME STATISTICS



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## CHAPTER 31

# Crime Statistics

This section includes tables providing statistics of crime in India. The statistics are collected by the Bureau of Police Research and Development, Ministry of Home Affairs till 1983 publications and National Crime Records Bureau, Ministry of Home Affairs from 1984 publication onwards, from the Police Authorities of the State Governments. All India information relates to the sum-total of available data of States/U.Ts. only and is, therefore, subject to revision.

**Table 31.1**

This table presents the incidence of cognizable crimes under Indian Penal Code. The incidence of theft includes cattle theft and ordinary theft. The incidence shown under 'other crimes' includes attempt to commit murder, culpable homicide not amounting to murder, rape, kidnapping & abduction, criminal breach of trust, cheating, counterfeiting and miscellaneous crimes.

**Tables 31.2 and 31.3**

These tables provide statistics of cognizable crimes classified by cases and by persons separately. Table 31.2 gives the disposal of cases by courts and table 31.3 gives the disposal of persons by courts.

**Table 31.4**

This table gives information relating to Recidivism among persons arrested under IPC crime.



**Table 31.5**

Information relating to the No. of cases reporting property stolen and recovered, due to various type of crimes is given in this table.

**Tables 31.6 to 31.11**

These tables present data relating to juvenile delinquency under different crime heads, sex and agewise distribution of juveniles apprehended; Number of juveniles arrested by their education, family background, economic setup etc. besides the disposal of juveniles arrested and sent to courts in India.

**Table 31.12**

Information relating to number of persons arrested

under important heads of crime and classified according to sex, is given in this table.

**Table 31.13**

This table presents number of cases reported due to various motives of murder and culpable homicide not amounting to murder.

**Tables 31.14 and 31.15**

The actual strength of both armed and civil police, as on 31st December of the year stated, under different ranks, is furnished in table 31.14. The information relating to civil police also includes district armed reserved police. Table 31.15 gives information relating to area and number of persons





Table 31.1-INCIDENCE OF COGNIZABLE CRIME REPORTED

Year/States/U.Ts./ Cities	Murder	Dacoity	Robbery	Burglary	Theft	Riots	Other Crimes	Total
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	39174	10831	26428	132087	362928	105309	1001618	1678375
1992	40105	11308	26444	127281	350582	104749	1028872	1689341
1993	38240	9357	24354	123020	320434	93838	1020693	1629936
1994	38577	9271	23933	121536	303564	94344	1044026	1635251
1995	37464	8335	22443	116507	294306	96520	1120121	1695696
1996	37671	8035	22705	115097	284985	92831	1148252	1709576
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	2609	448	775	6177	14413	4058	81279	109759
Arunachal Pradesh	76	25	68	186	368	17	1187	1927
Assam	1435	843	1063	3516	7521	3534	18578	36490
Bihar	5264	2450	2955	6563	16782	12449	70554	117017
Goa	30	4	71	532	737	184	1240	2798
Gujarat	1338	371	1130	5717	17608	2289	89368	117821
Haryana	606	55	255	3287	4997	739	23577	33516
Himachal Pradesh	123	3	24	987	771	539	8329	10776
Jammu & Kashmir	1044	65	283	1931	2357	710	11088	17478
Karnataka	1604	250	994	9210	16832	8113	77472	114475
Kerala	417	98	296	5066	3727	6028	70509	86141
Madhya Pradesh	3302	198	1826	17853	27160	3877	142563	196779
Maharashtra	2777	668	2865	16713	47769	5643	111036	187471
Manipur	194	18	36	97	269	73	1886	2573
Meghalaya	139	94	105	190	432	44	859	1863
Mizoram	43	6	22	347	967		856	2241
Nagaland	203	28	96	180	211	11	649	1378
Orissa	1008	305	990	4419	7638	1892	34367	50619
Punjab	706	28	54	1167	1664	6	10297	13922
Rajasthan	1622	97	1183	8806	17222	21413	111278	161621
Sikkim	5	1	9	70	134	42	449	710
Tamil Nadu	1883	171	600	6362	18666	7195	96620	131497
Tripura	228	115	120	301	488	266	2112	3630
Uttar Pradesh	8500	1146	5395	11819	33522	6980	105118	172480
West Bengal	1927	510	869	752	20695	6285	38080	69118
<b>Union Territories:</b>								
A. & N. Islands	11	-	-	42	38	8	277	376
Chandigarh	20	-	5	172	876	48	927	2048
D. & N. Haveli	8	3	-	59	63	40	237	410
Daman and Diu	4	1	3	42	37	26	145	258
Delhi	518	32	609	2425	20541	236	35510	59871
Lakshadweep	-	-	-	13	7	1	23	44
Pondicherry	27	2	4	96	473	85	1782	2469

Table 31.1-INCIDENCE OF COGNIZABLE CRIME REPORTED - Concl'd.

Year/States/U.Ts./ Cities	Murder	Dacoity	Robbery	Burglary	Theft	Riots	Other	Total Crimes
1	2	3	4	5	6	7	8	9
<b>Cities:</b>								
Ahmedabad	95	24	225	705	3851	185	10159	15244
Bangalore	201	42	513	2650	8089	357	17023	28875
Bhopal	56	1	101	456	1170	82	5846	7712
Mumbai	327	83	628	2554	14086	117	14708	32503
Calcutta	89	35	171	158	5462	485	5995	12395
Coimbatore	19	1	20	128	964	129	2007	3268
Delhi	426	24	522	2124	19206	180	31717	54199
Hyderabad	111	12	49	1026	2516	205	5235	9154
Indore	87	2	75	669	2253	86	5853	9025
Jaipur	61	4	68	1015	3246	1635	7389	13418
Kanpur	169	37	139	605	1287	186	3281	5704
Kochi	11	5	14	320	272	152	3502	4276
Lucknow	117	7	86	399	1426	164	3315	5514
Ludhiana	61	3	5	118	250	-	757	1194
Chennai	64	3	80	567	2732	58	2639	6143
Madurai	26	8	78	158	1040	69	2637	4016
Nagpur	101	16	244	1236	2619	144	4969	9329
Patna	228	54	223	306	1338	126	2696	4971
Pune	85	10	73	746	2188	1415	5052	9569
Surat	100	29	67	475	1457	107	2664	4899
Vadodara	44	20	31	423	1442	250	4714	6924
Varanasi	63	2	62	160	526	77	998	1888
Vishakhapatnam	20	4	12	259	806	23	1713	2837

Source: National Crime Records Bureau, Ministry of Home Affairs

**Table 31.2-DISPOSAL OF TOTAL COGNIZABLE CRIME CASES UNDER IPC**

Year	Total cases for trial during the year including the cases carried over from	No. of cases compounded or withdrawn	Cases in which trials were completed			Cases pending trial at the end of the year acquitted or discharged previous year
			Total	Cases convicted	Cases	
1	2	3	4	5	6	7
1991	3964610	118642	667340	319157	348183	3178628
1992	4274361	143209	733191	340058	393133	3397961
1993	4504396	137875	752852	345812	407040	3613669
1994	4759521	148231	736797	316245	420552	3874493
1995	5042744	158357	763944	321609	442335	4120443
1996	5297662	201156	843588	318965	524623	4252918

"Source: National Crime Records Bureau," Ministry of Home Affairs

**Table 31.3-DISPOSAL OF PERSONS ARRESTED UNDER IPC**

Year	Total number of persons under trial during the year including the persons carried over from previous year	Persons against whom cases were compounded or withdrawn	Persons in custody or on bail at the end of the year	Persons in whose cases trials were completed during the year		
				Total	Persons convicted	Persons acquitted
1	2	3	4	5	6	7
1991	8918253	305876	7097234	1515143	635927	879216
1992	9396580	329989	7524714	1541877	599438	942439
1993	9894409	319942	8010381	1564086	579743	984343
1994	10393862	325894	8491761	1576207	580527	995680
1995	10899327	356163	8966124	1577040	564695	1012345
1996	11350108	453662	8723320	2173126	606169	1566957

"Source: National Crime Records Bureau," Ministry of Home Affairs

**Table 31.4-RECIDIVISM AMONGST PERSONS ARRESTED**

Year	Number of new offenders arrested	Number of offender convicted in the past			Total (Cols. 2-5)
		Once	Twice	Thrice or more	
1	2	3	4	5	6
1991	2233739	218183	45150	30907	2527979
1992	2325329	174054	34675	11986	2546044
1993	2306765	155548	35319	14521	2512153
1994	2254196	194014	39358	14416	2501984
1995	2373779	167967	32897	13097	2587740
1996	2365415	174466	33942	14423	2588246

"Source: National Crime Records Bureau," Ministry of Home Affairs

**Table 31.5-PROPERTY STOLEN AND RECOVERED CASES**

Year	Dacoity		Robbery		Burglary		Theft	
	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered
1	2	3	4	5	6	7	8	9
1991	10124	3021	23841	8625	126395	35958	352400	120245
1992	10748	3564	23811	8482	120618	33920	340545	116116
1993	8878	2654	22164	8094	117015	32088	311421	109057
1994	8866	2550	21800	7681	115193	30543	294178	101619
1995	7992	2383	20704	7741	112024	30206	285556	98879
1996	7684	2439	21091	7982	110643	30076	275960	93956

Year	Criminal breach of trust		Other offences		Total	
	Stolen	Recovered	Stolen	Recovered	Stolen	Recovered
1	10	11	12	13	14	15
1991	14591	4680	28804	8177	556155	180706
1992	14127	4072	103757	61584	613606	227738
1993	12940	3887	21586	5978	494004	161758
1994	12601	4246	20315	7200	472953	153839
1995	11672	3898	17632	6486	455580	149593
1996	11654	3648	20979	6278	448011	144379

"Source: National Crime Records Bureau, Ministry of Home Affairs"



Table 31.6-JUVENILE DELINQUENCY CASES

Year/States/U.Ts./Cities	Murder	Culpable homicide not amounting to murder	Rape	Kidnapping and abduction	Dacoity	Robbery	Burglary
1	2	3	4	5	6	7	8
<b>All India</b>							
1991	348	24	189	141	52	164	1553
1992	292	19	158	79	51	87	1464
1993	297	15	168	184	51	98	1138
1994	288	19	176	95	32	49	1294
1995	253	23	174	152	56	76	1285
1996	270	21	157	132	44	87	1315
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	9	-	9	-	-	1	109
Arunachal Pradesh	-	-	-	-	-	1	2
Assam	7	-	-	-	1	2	43
Bihar	55	11	20	93	32	33	95
Goa	-	-	-	-	-	1	7
Gujarat	12	-	7	10	3	6	99
Haryana	6	1	17	3	1	-	37
Himachal Pradesh	1	-	2	-	-	-	11
Jammu & Kashmir	1	-	-	-	-	-	-
Karnataka	12	1	1	-	-	4	56
Kerala	-	-	2	1	-	-	24
Madhya Pradesh	82	3	57	1	-	22	273
Maharashtra	33	2	14	6	3	6	281
Manipur	-	-	-	-	-	-	-
Meghalaya	1	-	3	-	-	1	4
Mizoram	-	-	1	-	-	-	40
Nagaland	-	-	-	-	-	-	-
Orissa	3	-	-	3	1	-	39
Punjab	-	-	-	-	-	-	-
Rajasthan	16	1	10	14	2	1	79
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	12	-	-	-	-	1	43
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	5	-	1	-	-	-	2
West Bengal	2	-	1	-	-	2	1
<b>Union Territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	11
D. & N. Haveli	-	-	-	-	-	-	1
Daman & Diu	-	-	-	-	-	-	1
Delhi	13	2	12	1	1	6	52
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	5

## 31.6-JUVENILE DELINQUENCY CASES - Contd.

Year/States/U.Ts./Cities	Murder	Culpable homicide not amounting to murder	Rape	Kidnapping and abduction	Dacoity	Robbery	Burglary
1	2	3	4	5	6	7	8
<b>Cities:</b>							
Ahmedabad	1	-	-	2	-	1	9
Bangalore	-	-	-	-	-	4	23
Bhopal	-	-	-	-	-	-	-
Mumbai	2	-	2	4	-	-	13
Calcutta	-	-	1	-	-	-	-
Coimbatore	-	-	-	-	-	-	-
Delhi	13	2	12	1	1	6	52
Hyderabad	-	-	-	-	-	-	35
Indore	1	-	-	-	-	-	2
Jaipur	2	-	-	1	-	-	10
Kanpur	-	-	-	-	-	-	-
Kochi	-	-	1	-	-	-	3
Lucknow	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-
Chennai	-	-	-	-	-	-	3
Madurai	1	-	-	-	-	-	2
Nagpur	-	-	-	-	-	-	14
Patna	-	-	-	-	-	-	-
Pune	2	-	3	-	1	-	21
Surat	1	-	-	-	-	1	6
Vadodara	-	-	-	1	-	-	8
Varanasi	-	-	-	-	-	-	-
Vishakhapatnam	-	-	1	-	-	-	2

Table 31.6-JUVENILE DELINQUENCY CASES - Contd.

Year/States/U.Ts./Cities	Theft	Riots	Criminal breach of trust	Cheating	Counter feiting	Other IPC crimes	Total Cognizable Crimes
1	9	10	11	12	13	14	15
<b>All India</b>							
1991	4638	1270	21	47	2	4139	12588
1992	3203	906	21	46	-	4774	11100
1993	2404	1023	15	63	1	4008	9465
1994	2346	637	17	24	3	3581	8561
1995	2835	955	33	54	1	3869	9766
1996	2356	856	18	60	-	4708	10024
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	230	5	-	1	-	297	661
Arunachal Pradesh	4	-	-	-	-	-	7
Assam	70	15	-	1	-	44	183
Bihar	228	456	-	1	-	560	1584
Goa	7	3	-	-	-	28	46
Gujarat	168	40	5	8	-	426	784
Haryana	47	25	8	4	-	289	438
Himachal Pradesh	5	5	-	1	-	20	45
Jammu & Kashmir	-	-	-	-	-	-	1
Karnataka	96	40	-	5	-	122	337
Kerala	14	9	-	-	-	19	69
Madhya Pradesh	322	66	-	3	-	1543	2372
Maharashtra	560	84	3	9	-	823	1824
Manipur	-	-	-	-	-	-	-
Meghalaya	13	-	-	-	-	5	27
Mizoram	61	-	-	-	-	35	137
Nagaland	-	-	-	-	-	-	-
Orissa	66	5	1	-	-	18	136
Punjab	-	-	-	-	-	1	1
Rajasthan	75	94	-	1	-	330	623
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	214	5	-	-	-	37	312
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	2	-	-	-	-	14	24
West Bengal	6	-	-	-	-	1	13
<b>Union Territories:</b>							
A. & N. Islands	2	-	-	-	-	1	3
Chandigarh	18	-	-	-	-	11	40
D. & N. Haveli	-	-	-	-	-	2	3
Daman & Diu	-	-	-	-	-	1	2
Delhi	148	4	1	26	-	103	369
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	1	6

Table 31.6-JUVENILE DELINQUENCY CASES - Concl'd.

Year/States/U.Ts./Cities	Theft	Riots	Criminal breach of trust	Cheating	Counter feiting	Other IPC crimes	Total Cognizable Crimes
1	9	10	11	12	13	14	15
<b>Cities:</b>							
Ahmedabad	26	2	-	-	-	35	76
Bangalore	56	-	-	5	-	10	98
Bhopal	-	-	-	-	-	-	-
Mumbai	129	-	-	4	-	119	273
Calcutta	2	-	-	-	-	-	3
Coimbatore	14	-	-	-	-	2	16
Delhi	148	4	1	26	-	155	421
Hyderabad	42	-	-	-	-	72	149
Indore	8	-	-	-	-	60	71
Jaipur	16	23	-	1	-	19	72
Kanpur	2	-	-	-	-	1	3
Kochi	1	-	-	-	-	1	6
Lucknow	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-
Chennai	20	-	-	-	-	-	23
Madurai	39	-	-	-	-	3	45
Nagpur	7	-	-	-	-	-	21
Patna	4	2	-	-	-	5	11
Pune	35	4	-	1	-	28	95
Surat	12	6	-	3	-	13	42
Vadodara	12	5	3	1	-	36	66
Varanasi	-	-	-	-	-	-	-
Vishakhapatnam	43	-	-	-	-	4	50

Source: National Crime Records Bureau, Ministry of Home Affairs



Table 31.7-JUVENILES APPREHENDED UNDER CONGNIZABLE CRIME

Year/States/U.Ts./ Cities	Indian Penal Code			Local & Special Laws		
	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7
<b>All India</b>						
1991	13213	2714	15927	9988	3676	13664
1992	11330	2197	13527	6144	1687	7831
1993	10629	2024	12653	5762	1652	7414
1994	8661	2173	10834	5191	1178	6369
1995	10299	2898	13197	4243	1353	5596
1996	9746	3207	12953	4322	1823	6145
<b>1996</b>						
<b>States:</b>						
Andhra Pradesh	698	137	835	47	334	381
Arunachal Pradesh	16	1	17	-	-	-
Assam	259	3	262	19	5	24
Bihar	1387	558	1945	43	44	87
Goa	28	6	34	-	1	1
Gujarat	800	284	1084	316	558	874
Haryana	149	78	227	53	6	59
Himachal Pradesh	49	30	79	-	-	-
Jammu & Kashmir	2	-	2	-	-	-
Karnataka	270	181	451	12	76	88
Kerala	124	13	137	2	-	2
Madhya Pradesh	2470	918	3388	755	194	949
Maharashtra	1770	614	2384	202	280	482
Manipur	-	-	-	-	-	-
Meghalaya	27	1	28	6	-	6
Mizoram	129	8	137	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	134	35	169	-	-	-
Punjab	2	-	2	2	1	3
Rajasthan	565	201	766	34	22	56
Sikkim	-	4	4	-	-	-
Tamil Nadu	338	56	394	2815	281	3096
Tripura	-	-	-	-	-	-
Uttar Pradesh	19	19	38	-	-	-
West Bengal	14	-	14	-	-	-
<b>Union Territories:</b>						
A. & N. Islands	4	-	4	-	-	-
Chandigarh	38	2	40	1	-	1
D. & N. Haveli	2	1	3	-	-	-
Daman & Diu	2	-	2	-	-	-
Delhi	440	57	497	15	21	36
Lakshadweep	-	-	-	-	-	-
Pondicherry	10	-	10	-	-	-

**Table 31.7-JUVENILES APPREHENDED UNDER CONGNIZABLE CRIME - Concl'd.**

Year/States/U.Ts./ Cities	Indian Penal Code			Local & Special Laws		
	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7
<b>Cities:</b>						
Ahmedabad	57	34	91	23	11	34
Bangalore	106	17	123	2	7	9
Bhopal	-	-	-	-	-	-
Mumbai	198	62	260	38	210	248
Calcutta	4	-	4	-	-	-
Coimbatore	15	8	23	100	-	100
Delhi	440	57	497	15	21	36
Hyderabad	105	-	105	-	-	-
Indore	67	4	71	-	-	-
Jaipur	83	9	92	1	-	1
Kanpur	2	1	3	-	-	-
Kochi	11	-	11	-	-	-
Lucknow	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-
Chennai	32	-	32	-	11	11
Madurai	46	7	53	114	187	301
Nagpur	21	-	21	32	2	34
Patna	15	-	15	9	2	11
Pune	103	21	124	1	1	2
Surat	72	-	72	35	376	411
Vadodara	67	41	108	48	14	62
Varanasi	-	-	-	-	-	-
Vishakhapatnam	55	8	63	18	21	39

Source: National Crime Records Bureau,

Table 31.8- JUVENILE DELINQUENCY UNDER LOCAL AND SPECIAL LAWS (CASES REPORTED)

Year/States/U.Ts./ Cities	Arms Act	Narcotic Drugs & Psycho- Substan- ces Act	Gamb- ling Act	Excise Act	Prohi- bition Act	Explosi- ve & Ex- plosive Substan- ces Act	Immoral Traffic (Preven- tion) Act	Indian Railways Act	Other Crimes	Total
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1991	169	43	1477	369	2841	13	283	16	16932	22143
1992	96	20	828	135	1385	13	95	15	4945	7532
1993	100	13	818	127	1161	2	128	6	4844	7199
1994	115	33	363	106	663	3	47	5	4627	5962
1995	56	26	240	182	732	5	50	7	3957	5255
1996	44	34	363	378	1282	2	104	16	3496	5719
<b>1996 States:</b>										
Andhra Pradesh	-	2	2	36	243	-	4	-	23	310
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Assam	-	-	-	-	-	-	-	-	8	8
Bihar	17	-	6	4	-	-	7	-	37	71
Goa	-	-	-	-	-	-	-	-	1	1
Gujarat	1	-	16	-	586	-	-	8	180	791
Haryana	9	25	17	167	-	-	-	3	6	227
Himachal Pradesh	-	-	-	-	-	-	-	-	-	-
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-
Karnataka	-	-	-	6	-	1	45	-	30	82
Kerala	-	-	-	-	-	1	-	-	1	2
Madhya Pradesh	10	1	179	147	-	-	-	4	184	525
Maharashtra	1	3	134	-	397	-	1	1	201	738
Manipur	-	-	-	-	-	-	-	-	-	-
Meghalaya	2	1	-	-	-	-	-	-	2	5
Mizoram	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-
Orissa	-	-	-	-	-	-	-	-	-	-
Punjab	-	-	-	-	-	-	-	-	3	3
Rajasthan	1	1	9	7	-	-	1	-	35	54
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	56	-	43	-	2784	2883
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	-	-	-	-	-	-	-	-	-	-
West Bengal	-	-	-	-	-	-	-	-	-	-
<b>Union Territories:</b>										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Chandigarh	1	-	-	-	-	-	-	-	-	1
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-
Delhi	2	1	-	11	-	-	3	-	1	18
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-	-	-

**Table 31.8- JUVENILE DELINQUENCY UNDER LOCAL AND SPECIAL LAWS  
(CASES REPORTED) - Concl'd.**

Year/States/U.Ts./ Cities	Arms Act	Narcotic Drugs & Psycho- Substan- ces Act	Gamb- ling Act	Excise Act	Prohi- bition Act	Explosi- ve & Ex- plosive Substan- ces Act	Immoral Traffic (Preven- tion) Act	Indian Railways Act	Other Crimes	Total
1	2	3	4	5	6	7	8	9	10	11
<b>Cities:</b>										
Ahmedabad	-	-	1	-	8	-	-	-	5	14
Bangalore	-	-	-	6	-	-	3	-	-	9
Bhopal	-	-	-	-	-	-	-	-	-	-
Mumbai	-	1	-	-	1	-	-	-	62	64
Calcutta	-	-	-	-	-	-	-	-	-	-
Coimbatore	-	-	-	-	-	-	-	-	100	100
Delhi	2	1	-	11	-	-	3	-	1	18
Hyderabad	-	-	-	-	-	-	-	-	-	-
Indore	-	-	-	-	-	-	-	-	-	-
Jaipur	1	-	-	-	-	-	-	-	-	1
Kanpur	-	-	-	-	-	-	-	-	-	-
Kochi	-	-	-	-	-	-	-	-	-	-
Lucknow	-	-	-	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-	-	-	-
Chennai	-	-	-	-	-	-	-	-	8	8
Madurai	-	-	-	-	-	-	17	-	109	126
Nagpur	-	-	3	-	-	-	-	-	22	25
Patna	2	-	2	-	-	-	-	-	3	7
Pune	-	-	1	-	-	-	-	-	1	2
Surat	-	-	2	-	361	-	-	-	40	403
Vadodara	-	-	2	-	33	-	-	1	16	52
Varanasi	-	-	-	-	-	-	-	-	-	-
Vishakhapatnam	-	-	2	-	3	-	1	-	6	12

Source: National Crime Records Bureau,



Table 31.9- JUVENILES APPREHENDED BY AGE GROUP AND SEX

Year/Nature of Crimes	7-12 Years		12-16 Years		16-18 Years	All age group		
	Boys	Girls	Boys	Girls	Girls	Boys	Girls	Total
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	5379	458	17822	1065	4867	23201	6390	29591
1992	3282	153	14192	601	3130	17474	3884	21358
1993	3708	221	12683	754	2701	16391	3676	20067
1994	3426	268	10426	627	2456	13852	3351	17203
1995	3147	230	11395	618	3403	14542	4251	18793
1996	3278	193	10790	607	4230	14068	5030	19098
<b>1996</b>								
I. Cognizable Crimes								
Under I.P.C.	1574	139	8172	526	2542	9746	3207	12953
Murder	45	7	222	16	37	267	60	327
Attempt to commit murder	35	3	173	9	23	208	35	243
Culpable homicide not amounting to murder	3	-	7	1	13	10	14	24
Rape	3	-	154	-	7	157	7	164
Kidnapping & abduction	36	1	63	7	32	99	40	139
Dacoity	15	-	40	-	-	55	-	55
Preparation & assembly for dacoity	-	-	-	-	-	-	-	-
Robbery	14	-	95	1	9	109	10	119
Burglary	274	4	1418	29	41	1692	74	1766
Theft	526	61	2233	83	256	2759	400	3159
Riots	167	3	580	43	368	747	414	1161
Criminal breach of trust	1	-	7	-	1	8	1	9
Cheating	9	-	49	3	1	58	4	62
Counterfeiting	-	-	-	-	-	-	-	-
Other I.P.C crimes	446	60	3131	334	1754	3577	2148	5725
II. Crime under local and special laws	1704	54	2618	81	1688	4322	1823	6145
Arms Act	9	-	32	-	2	41	2	43
Narcotic Drugs & Psy. substances Act	1	-	16	4	4	17	8	25
Gambling Act	11	-	296	-	-	307	-	307
Excise Act	5	-	184	2	148	189	150	339
Prohibition Act	22	5	212	42	785	234	832	1066
Explosives & explosive substances Act	-	-	2	-	-	2	-	2
Immoral traffic (Prevention) Act	3	-	1	3	129	4	132	136
Indian Railways Act	1	-	15	-	-	16	-	16
Other crimes	1652	49	1860	30	620	3512	699	4211

Source: National Crime Records Bureau, Ministry of Home Affairs

Notes: 16-18 age group contains data on girls only.

**Table 31.10- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE  
CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS**

Year/States/U.Ts./ Cities	By Education					By Family Background			
	Illit- erate	Primary	Above Primary but below Matric/ Hr.Sec.	Matric/ Higher Sec.& above	Total	Living with parents	Living with guard- ians	Home- less	Total
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1991	11365	10772	5480	1974	29591	20642	5792	3157	29591
1992	7128	9252	4041	937	21358	14945	4056	2357	21358
1993	7086	8337	3723	921	20067	12961	3804	3302	20067
1994	5141	7493	3613	956	17203	12210	3472	1521	17203
1995	6565	7762	3647	819	18793	13247	3968	1578	18793
1996	8195	7080	2544	1279	19098	14293	2922	1883	19098
<b>1996</b>									
<b>States:</b>									
Andhra Pradesh	552	466	156	42	1216	1024	113	79	1216
Arunachal Pradesh	16	1	-	-	17	12	5	-	17
Assam	100	99	72	15	286	143	89	54	286
Bihar	796	388	269	579	2032	907	395	730	2032
Goa	12	11	11	1	35	20	1	14	35
Gujarat	614	974	287	83	1958	1475	364	119	1958
Haryana	92	135	39	20	286	183	41	62	286
Himachal Pradesh	3	11	61	4	79	72	7	-	79
Jammu & Kashmir	-	2	-	-	2	2	-	-	2
Karnataka	242	170	72	55	539	412	92	35	539
Kerala	19	65	53	2	139	112	7	20	139
Madhya Pradesh	2498	1008	605	226	4337	3395	510	432	4337
Maharashtra	829	1457	453	127	2866	2247	429	190	2866
Manipur	-	-	-	-	-	-	-	-	-
Meghalaya	19	10	5	-	34	26	8	-	34
Mizoram	-	101	35	1	137	136	1	-	137
Nagaland	-	-	-	-	-	-	-	-	-
Orissa	48	79	39	3	169	121	40	8	169
Punjab	3	2	-	-	5	3	-	2	5
Rajasthan	227	364	166	65	822	606	211	5	822
Sikkim	-	1	2	1	4	2	2	-	4
Tamil Nadu	1839	1547	74	30	3490	2865	553	72	3490
Tripura	-	-	-	-	-	-	-	-	-
Uttar Pradesh	27	4	7	-	38	38	-	-	38
West Bengal	3	8	3	-	14	4	10	-	14
<b>Union Territories:</b>									
A. & N. Islands	-	1	3	-	4	4	-	-	4
Chandigarh	19	9	13	-	41	28	10	3	41
D. & N. Haveli	2	-	-	1	3	3	-	-	3
Daman & Diu	-	2	-	-	2	2	-	-	2
Delhi	232	160	117	24	533	442	34	57	533
Lakshadweep	-	-	-	-	-	-	-	-	-
Pondicherry	3	5	2	-	10	9	-	-	9

**Table 31.10- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE  
CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS - Contd.**

Year/States/U.Ts./ Cities	By Education				Total	By Family Background			Total
	Illit- erate	Primary	Above Primary but below Matric/ Hr.Sec.	Matric/ Higher Sec. & above		Living with parents	Living with guard- ians	Home- less	
1	2	3	4	5	6	7	8	9	10
<b>Cities:</b>									
Ahmedabad	58	45	19	3	125	120	5	-	125
Bangalore	60	48	22	2	132	112	8	12	132
Bhopal	-	-	-	-	-	-	-	-	-
Mumbai	63	411	33	1	508	425	56	27	508
Calcutta	1	3	-	-	4	4	-	-	4
Coinbatore	82	37	4	-	123	119	3	1	123
Delhi	232	160	117	24	533	442	34	57	533
Hyderabad	80	11	9	5	105	97	-	-	97
Indore	40	20	11	-	71	71	-	-	71
Jaipur	48	45	-	-	93	66	27	-	93
Kanpur	2	-	1	-	3	3	-	-	3
Kochi	-	10	1	-	11	10	-	1	11
Lucknow	-	-	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-	-	-
Chennai	27	13	3	-	43	21	7	15	43
Madurai	98	224	32	-	354	262	80	12	354
Nagpur	-	34	21	-	55	55	-	-	55
Patna	17	9	-	-	26	12	5	9	26
Pune	29	85	12	-	126	110	16	-	126
Surat	196	167	68	52	483	235	164	84	483
Vadodara	68	89	13	-	170	170	-	-	170
Varanasi	-	-	-	-	-	-	-	-	-
Vishakhapatnam	50	31	21	-	102	90	11	1	102

**Table 31.10- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS-Contd.**

Year/States/U.Ts./ Cities	Economic set-up(monthly income)					Total	Recidivism		
	Lower income upto Rs. 500 PM	Lower Middle Income (Rs.501- 1000 PM)	Middle income (Rs.1001- 2000 PM)	Upper Middle income Rs.2001 to Rs 3000 PM)	Upper Income above (from Rs.3000PM		New Delin- quent	Old Delin- quents	Total
1	11	12	13	14	15	16	17	18	19
<b>All India</b>									
1991	17887	6770	2987	1947	..	29591	24973	4618	29591
1992	10649	6714	2673	1322	..	21358	19158	2200	21358
1993	10433	6391	1887	1356	..	20067	17174	2893	20067
1994	9300	4934	1996	973	..	17203	15203	2000	17203
1995	9950	5484	2134	1225	458	19251	17252	1541	18793
1996	9306	6292	2132	1118	250	19098	16717	2381	19098
<b>1996</b>									
<b>States:</b>									
Andhra Pradesh	856	243	87	24	6	1216	1156	60	1216
Arunachal Pradesh	7	10	-	-	-	17	17	-	17
Assam	96	78	48	40	24	286	253	33	286
Bihar	908	321	211	592	-	2032	1213	819	2032
Goa	24	6	3	1	1	35	35	-	35
Gujarat	772	649	362	126	49	1958	1654	304	1958
Haryana	111	94	49	21	11	286	280	6	286
Himachal Pradesh	18	31	18	9	3	79	78	1	79
Jammu & Kashmir	-	2	-	-	-	2	2	-	2
Karnataka	228	212	54	43	2	539	523	16	539
Kerala	82	30	26	1	-	139	138	1	139
Madhya Pradesh	2736	939	489	97	76	4337	4212	125	4337
Maharashtra	1236	1170	354	75	31	2866	2641	225	2866
Manipur	-	-	-	-	-	-	-	-	-
Meghalaya	24	6	3	1	-	34	34	-	34
Mizoram	1	135	-	1	-	137	1	136	137
Nagaland	-	-	-	-	-	-	-	-	-
Orissa	136	19	10	4	-	169	169	-	169
Punjab	3	2	-	-	-	5	5	-	5
Rajasthan	371	218	159	53	21	822	808	14	822
Sikkim	-	3	-	1	-	4	4	-	4
Tamil Nadu	1378	1979	133	-	-	3490	2940	550	3490
Tripura	-	-	-	-	-	-	-	-	-
Uttar Pradesh	18	18	1	1	-	38	38	-	38
West Bengal	8	4	2	-	-	14	14	-	14
<b>Union Territories:</b>									
A. & N. Islands	-	-	4	-	-	4	4	-	4
Chandigarh	18	9	7	7	-	41	36	5	41
D. & N. Haveli	-	2	1	-	-	3	3	-	3
Daman & Diu	-	2	-	-	-	2	2	-	2
Delhi	267	109	110	21	26	533	447	86	533
Lakshadweep	-	-	-	-	-	-	-	-	-
Pondicherry	8	1	1	-	-	10	10	-	10



**Table 31.10- PARTICULARS OF JUVENILES ARRESTED UNDER IPC COGNIZABLE CRIME AND OFFENCES UNDER LOCAL AND SPECIAL LAWS-Concl.**

Year/States/U.Ts./ Cities	Economic set-up(monthly income)					Total	Recidivism		
	Lower income upto Rs 500 PM	Lower Middle Income (Rs.501- 1000 PM)	Middle income (Rs.1001- 2000 PM)	Upper Middle income Rs.2001 to Rs.3000 PM)	Upper Income above (from Rs.3000PM		New Delin- quent	Old Delin- quents	Total
1	11	12	13	14	15	16	17	18	19
<b>Cities:</b>									
Ahmedabad	89	25	10	1	-	125	119	6	125
Bangalore	72	49	8	3	-	132	127	5	132
Bhopal	-	-	-	-	-	-	-	-	-
Mumbai	250	208	34	6	10	508	504	4	508
Calcutta	4	-	-	-	-	4	4	-	4
Coinbatore	114	6	3	-	-	123	119	4	123
Delhi	267	109	110	21	26	533	447	86	533
Hyderabad	-	59	39	6	1	105	97	8	105
Indore	65	6	-	-	-	71	65	6	71
Jaipur	77	16	-	-	-	93	93	-	93
Kanpur	1	1	-	1	-	3	3	-	3
Kochi	10	-	1	-	-	11	11	-	11
Lucknow	-	-	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-	-	-
Chennai	36	4	3	-	-	43	41	2	43
Madurai	354	-	-	-	-	354	347	7	354
Nagpur	32	23	-	-	-	55	55	-	55
Patna	22	4	-	-	-	26	24	2	26
Pune	71	34	21	-	-	126	126	-	126
Surat	197	142	68	34	42	483	231	252	483
Vadodara	-	74	56	40	-	170	170	-	170
Varanasi	-	-	-	-	-	-	-	-	-
Vishakhapatnam	55	38	9	-	-	102	72	30	102

Source: National Crime Records Bureau, Ministry of Home Affairs

**Table 31.11- DISPOSAL OF JUVENILES ARRESTED  
(UNDER IPC & LSL CRIMES)**

Year/States/U.Ts./ Cities	Arrested & sent to courts	Sent to Home after Advice or Admonition	Released on probation & placed under care of		Sent to Special Homes	Dealt with fine	Acquitted or other- wise dis- posed of	Pending disposal
			Parents/ Guardians	Fit Instt.				
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	29591	1797	6449	1286	1352	2450	2584	13673
1992	21358	1933	4091	1005	1161	2324	2018	8826
1993	20067	4731	1832	1003	1173	1425	2079	7824
1994	17203	3930	2693	703	947	209	1122	6599
1995	18793	4880	2406	927	1144	743	1766	6927
1996	19098	4481	2283	795	1623	880	1517	7519
<b>1996 States:</b>								
Andhra Pradesh	1216	83	356	125	66	223	47	316
Arunachal Pradesh	17	-	17	-	-	-	-	-
Assam	286	21	24	39	15	3	81	103
Bihar	2032	822	179	139	301	62	124	405
Goa	35	-	5	-	4	-	-	26
Gujarat	1958	131	272	108	93	115	366	873
Haryana	286	1	5	2	2	56	40	180
Himachal Pradesh	79	6	1	-	-	-	7	65
Jammu & Kashmir	2	-	-	-	-	-	-	2
Karnataka	539	143	72	27	59	41	14	183
Kerala	139	6	-	8	-	-	27	98
Madhya Pradesh	4337	501	547	36	366	184	341	2362
Maharashtra	2866	587	384	112	149	61	103	1470
Manipur	-	-	-	-	-	-	-	-
Meghalaya	34	10	6	-	-	-	14	4
Mizoram	137	-	-	136	-	-	-	1
Nagaland	-	-	-	-	-	-	-	-
Orissa	169	15	40	15	13	18	1	67
Punjab	5	-	-	-	2	3	-	-
Rajasthan	822	90	77	10	55	17	51	522
Sikkim	4	4	-	-	-	-	-	-
Tamil Nadu	3490	2057	284	32	352	89	223	453
Tripura	-	-	-	-	-	-	-	-
Uttar Pradesh	38	-	3	-	35	-	-	-
West Bengal	14	-	-	-	4	-	-	10
<b>Union Territories:</b>								
A. & N. Islands	4	-	-	-	-	-	-	4
Chandigarh	41	-	-	6	-	2	2	31
D. & N. Haveli	3	1	1	-	-	1	-	-
Daman & Diu	2	-	-	-	-	2	-	-
Delhi	533	-	10	-	102	3	76	342
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	10	3	-	-	5	-	-	2

Table 31.11- DISPOSAL OF JUVENILES ARRESTED (UNDER IPC &amp; LSL CRIMES)-Concl'd.

Year/States/U.Ts./ Cities	Arrested & sent to courts	Sent to Home after Advice or Admonition	Released on probation & placed under care of		Sent to Special Homes	Dealt with fine	Acquitted or other- wise dis- posed of	Pending disposal
			Parents/ Guardians	Fit Instt				
1	2	3	4	5	6	7	8	9
<b>Cities:</b>								
Ahmedabad	125	27	18	19	-	16	18	27
Bangalore	132	69	38	24	-	-	1	-
Bhopal	-	-	-	-	-	-	-	-
Mumbai	508	167	68	32	37	13	54	137
Calcutta	4	-	-	-	4	-	-	-
Coimbatore	123	-	107	3	-	-	-	13
Delhi	533	-	10	-	102	3	76	342
Hyderabad	105	-	-	105	-	-	-	-
Indore	71	-	-	-	-	-	61	10
Jaipur	93	46	24	6	17	-	-	-
Kanpur	3	-	3	-	-	-	-	-
Kochi	11	-	-	-	-	-	-	11
Lucknow	-	-	-	-	-	-	-	-
Ludhiana	-	-	-	-	-	-	-	-
Chennai	43	5	24	5	-	-	6	3
Madurai	354	-	94	-	8	-	214	38
Nagpur	55	-	-	-	25	10	-	20
Patna	26	5	1	-	-	-	5	15
Pune	126	25	60	-	32	-	5	4
Surat	483	82	67	29	20	64	221	-
Vadodara	170	-	-	-	-	-	43	127
Varanasi	-	-	-	-	-	-	-	-
Vishakhapatnam	102	2	7	-	-	31	4	58

Source: National Crime Records Bureau, Ministry of Home Affairs

Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT IPC CRIMES BY SEX

Year/States/U.Ts./ Cities	Total Cognizable Crimes		Murder		Culpable Homocide not amounting to murder		Rape	
	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	2441807	86172	81810	2983	10133	236	14033	183
1992	2456185	89859	86272	2971	9047	297	16214	200
1993	2416620	95533	85356	3400	8448	341	16239	214
1994	2405902	96082	82329	3487	8082	327	18619	261
1995	2481660	106079	79862	2926	7660	403	18574	274
1996	2465969	122277	77590	3168	7725	332	19336	287
<b>1996 States:</b>								
Andhra Pradesh	178719	10164	6953	248	250	10	1068	11
Arunachal Pradesh	2192	55	148	4	12	-	40	-
Assam	46452	984	2243	32	34	-	670	1
Bihar	229860	6106	11837	262	882	100	2099	8
Goa	3186	300	49	5	16	-	13	1
Gujarat	149926	11848	2622	251	23	-	418	18
Haryana	47312	1598	1341	64	140	8	469	11
Himachal Pradesh	14586	2181	214	38	8	3	192	7
Jammu & Kashmir	16024	781	318	10	6	-	157	-
Karnataka	162532	9603	2946	250	121	7	274	3
Kerala	135283	4260	861	58	151	1	545	3
Madhya Pradesh	287904	8662	7511	240	387	35	4303	82
Maharashtra	240077	22673	5253	636	209	51	1839	66
Manipur	1577	356	114	-	1	-	13	-
Meghalaya	2013	10	104	3	9	-	35	-
Mizoram	1735	8	52	-	2	-	51	-
Nagaland	1074	11	40	4	1	-	14	-
Orissa	82250	2639	1796	106	231	12	783	-
Punjab	19957	1108	1115	109	168	19	270	17
Rajasthan	204274	17134	2512	214	143	20	1107	8
Sikkim	649	39	9	-	1	-	13	-
Tamil Nadu	192841	9457	4674	200	28	-	453	2
Tripura	5249	90	286	4	3	-	72	-
Uttar Pradesh	272971	5862	19173	179	3429	10	2712	7
West Bengal	109421	3928	4502	180	1215	43	1062	-
<b>Union Territories:</b>								
A. & N. Islands	469	37	10	-	2	-	7	-
Chandigarh	2061	85	17	3	5	2	19	2
D. & N. Haveli	601	35	19	-	5	-	3	-
Daman & Diu	268	19	10	2	-	-	-	1
Delhi	50574	2102	776	64	214	11	633	39
Lakshadweep	8	-	-	-	-	-	-	-
Pondicherry	3924	142	85	2	29	-	2	-



Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT IPC CRIMES BY SEX -Contd.

Year/States/U.Ts./ Cities	Total Cognizable Crimes		Murder		Culpable Homocide not amounting to murder		Rape	
	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9
<b>Cities:</b>								
Ahmedabad	14723	1189	175	10	6	-	18	-
Bangalore	17569	960	273	14	7	-	39	1
Bhopal	9197	302	96	-	-	-	94	-
Mumbai	22942	1351	512	30	3	-	181	24
Calcutta	8603	116	93	2	14	-	35	-
Coimbatore	3157	173	29	5	-	-	6	-
Delhi	41820	1677	652	56	194	9	535	31
Hyderabad	10576	1387	204	-	31	-	43	-
Indore	10331	80	209	3	5	-	67	-
Jaipur	11302	488	113	10	1	-	29	-
Kanpur	6904	269	365	11	49	3	44	-
Kochi	4986	128	23	-	7	-	12	-
Lucknow	5092	103	351	-	39	-	36	-
Ludhiana	1213	86	89	6	19	3	15	-
Chennai	6659	398	212	6	3	-	15	-
Madurai	3655	107	73	-	-	-	1	-
Nagpur	7181	33	196	3	-	-	51	1
Patna	10304	41	691	-	35	-	25	-
Pune	10945	2291	159	26	4	-	63	4
Surat	5064	443	141	5	-	-	17	-
Vadodara	7064	1382	52	6	-	-	10	1
Varanasi	2782	72	156	-	36	-	18	-
Vishakhapatnam	3136	136	33	-	1	1	57	-

**Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT  
IPC CRIMES BY SEX-Contd.**

Year/States/U.Ts./ Cities	Kidnapping and Abduction		Dacoity		Robbery		Burglary	
	Male	Female	Male	Female	Male	Female	Male	Female
1	10	11	12	13	14	15	16	17
<b>All India</b>								
1991	27356	1216	34402	169	33572	218	90832	1300
1992	28026	1118	35845	226	32311	178	88132	1035
1993	26640	1248	30735	169	29494	94	82501	1048
1994	27474	1106	29519	165	30118	124	80324	1368
1995	25742	1255	25319	297	28877	168	74802	1267
1996	24881	2770	24546	96	28898	177	74232	1187
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	1603	155	1693	5	1443	8	5914	68
Arunachal Pradesh	29	10	64	-	104	-	121	2
Assam	1124	2	1766	3	1355	-	3348	14
Bihar	2660	1647	5871	-	4584	29	5930	13
Goa	16	2	28	4	61	4	285	5
Gujarat	1338	92	1248	14	1096	30	3977	146
Haryana	568	17	172	-	390	2	2183	5
Himachal Pradesh	150	15	5	-	37	-	450	26
Jammu & Kashmir	330	5	37	-	104	-	560	1
Karnataka	681	36	1209	3	979	1	3788	33
Kerala	329	27	403	1	469	2	2727	33
Madhya Pradesh	1769	40	759	-	2241	18	10401	170
Maharashtra	1431	119	2579	42	3551	37	11574	441
Manipur	54	-	14	-	16	2	48	-
Meghalaya	43	1	193	-	100	-	103	-
Mizoram	7	-	-	-	13	-	188	-
Nagaland	42	-	38	-	107	-	144	1
Orissa	359	-	1212	1	1510	19	4289	60
Punjab	337	37	109	-	103	3	782	12
Rajasthan	1911	115	342	7	1265	14	4001	71
Sikkim	8	2	-	-	8	2	44	-
Tamil Nadu	1280	113	693	8	930	1	4020	52
Tripura	189	3	166	-	116	-	224	-
Uttar Pradesh	6401	198	3724	3	5745	-	6321	25
West Bengal	1539	84	2062	3	1546	-	1014	-
<b>Union Territories:</b>								
A. & N. Islands	1	-	-	-	-	-	27	-
Chandigarh	31	8	-	-	-	-	108	3
D. & N. Haveli	7	-	4	-	-	-	25	1
Daman & Diu	2	1	-	-	-	-	20	-
Delhi	634	41	146	2	1021	5	1554	3
Lakshadweep	-	-	-	-	-	-	3	-
Pondicherry	8	-	9	-	4	-	59	2

**Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT  
IPC CRIMES BY SEX-Contd.**

Year/States/U.Ts./ Cities	Kidnapping and Abduction		Dacoity		Robbery		Burglary	
	Male	Female	Male	Female	Male	Female	Male	Female
1	10	11	12	13	14	15	16	17
<b>Cities:</b>								
Ahmedabad	188	6	55	-	168	6	484	13
Bangalore	75	4	140	-	382	1	979	16
Bhopal	41	-	6	-	123	-	221	7
Mumbai	148	17	211	2	533	4	891	19
Calcutta	108	9	82	-	197	-	127	-
Coimbatore	4	-	9	-	21	-	53	-
Delhi	510	36	109	1	909	3	1255	3
Hyderabad	73	-	-	-	36	-	412	27
Indore	50	2	3	-	94	4	254	-
Jaipur	147	8	14	-	77	-	266	-
Kanpur	190	24	79	-	174	-	425	2
Kochi	16	-	26	-	29	-	194	3
Lucknow	66	-	19	-	71	-	102	-
Ludhiana	16	1	8	-	9	-	56	3
Chennai	70	2	30	-	122	-	266	-
Madurai	9	-	40	-	102	-	74	-
Nagpur	63	1	39	-	177	-	213	3
Patna	126	29	281	-	679	-	329	-
Pune	67	24	54	1	74	4	509	42
Surat	55	7	100	-	65	-	426	6
Vadodara	97	1	29	-	30	3	272	26
Varanasi	98	4	6	-	85	-	78	-
Vishakhapatnam	41	3	19	-	25	-	156	3

**Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT  
IPC CRIMES BY SEX-Contd.**

Year/States/U.Ts./ Cities	Theft		Riots		Criminal Breach of Trust		Cheating		Counterfeiting	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	18	19	20	21	22	23	24	25	26	27
<b>All India</b>										
1991	284120	6461	530181	22003	15862	329	23152	555	1344	24
1992	223768	5591	516980	18421	16374	401	24460	569	1058	10
1993	209708	4945	502337	19917	15600	318	27466	643	1276	21
1994	192559	4787	491368	19595	15307	262	28795	661	1200	32
1995	177051	4236	490380	22112	14537	270	26920	806	861	7
1995	175134	4424	455925	23242	15584	271	30146	952	705	12
1996	175134	4424	455925	23242	15584	271	30146	952	705	12
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	10286	312	31041	1083	629	13	2662	47	75	-
Arunachal Pradesh	322	1	86	-	20	-	18	-	4	-
Assam	6329	33	10702	409	485	-	557	4	65	-
Bihar	17787	324	56319	1270	2994	19	2814	65	55	-
Goa	355	19	830	104	39	3	61	3	3	-
Gujarat	9789	344	12993	991	2287	108	3263	154	20	3
Haryana	3325	31	3791	103	361	3	976	17	9	-
Himachal Pradesh	519	13	2342	524	93	-	120	3	5	-
Jammu & Kashmir	2623	12	2087	213	106	-	164	-	1	-
Karnataka	7184	211	45305	2803	432	11	1261	59	63	-
Kerala	2977	81	39731	924	350	28	1624	90	38	-
Madhya Pradesh	15089	418	25509	510	828	4	2022	24	108	8
Maharashtra	23273	1139	37771	3839	2271	37	3640	175	33	1
Manipur	156	4	74	162	9	-	21	-	12	-
Meghalaya	383	4	154	-	8	-	26	-	2	-
Mizoram	653	5	-	-	34	-	73	-	10	-
Nagaland	139	-	38	-	26	-	21	1	-	-
Orissa	7920	267	10591	231	379	-	430	5	1	-
Punjab	1254	57	40	-	286	10	1203	95	14	-
Rajasthan	6185	173	56904	5904	434	8	1887	53	27	-
Sikkim	79	-	188	17	1	-	29	1	-	-
Tamil Nadu	13543	393	46483	2798	268	4	734	14	20	-
Tripura	413	11	535	4	21	-	22	-	10	-
Uttar Pradesh	16707	133	39819	532	2293	11	3548	15	94	-
West Bengal	19315	224	29789	719	550	5	1295	19	27	-
<b>Union Territories:</b>										
A. & N. Islands	50	2	43	2	2	-	2	-	-	-
Chandigarh	446	15	423	7	22	-	71	6	-	-
D. & N. Haveli	64	-	188	13	2	-	-	-	-	-
Daman & Diu	10	-	99	4	6	-	9	1	-	-
Delhi	7698	192	1253	65	344	7	1577	101	9	-
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondicherry	261	6	797	11	4	-	16	-	-	-



**Table 31.12- NUMBER OF PERSONS ARRESTED UNDER DIFFERENT  
IPC CRIMES BY SEX-Concl'd.**

Year/States/U.Ts./ Cities	Theft		Riots		Criminal Breach of Trust		Cheating		Counterfeiting	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	18	19	20	21	22	23	24	25	26	27
<b>Cities:</b>										
Ahmedabad	1416	64	934	59	183	10	295	17	10	1
Bangalore	2417	80	1056	47	149	7	518	34	8	-
Coimbatore	400	11	609	17	9	-	158	6	-	-
Mumbai	3994	126	1284	251	634	10	834	53	14	-
Calcutta	2763	21	993	-	132	-	321	-	2	-
Coimbatore	773	59	451	94	14	-	12	-	-	-
Delhi	6369	176	934	58	280	6	1530	81	9	-
Hyderabad	872	84	1873	-	21	-	276	-	5	-
Indore	518	5	494	3	38	-	120	-	-	-
Jaipur	542	11	3622	234	28	-	154	3	2	-
Kanpur	473	4	624	9	124	3	183	-	1	-
Kochi	228	8	658	7	15	1	80	21	-	-
Lucknow	298	-	531	-	47	2	61	-	-	-
Ludhiana	144	-	-	-	24	2	94	11	5	-
Chennai	1382	33	538	19	19	-	78	-	-	-
Madurai	672	42	364	-	9	-	35	-	1	-
Nagpur	455	7	1402	-	32	-	88	2	-	-
Patna	1451	-	679	-	276	-	125	-	2	-
Pune	1266	117	2918	1384	75	1	191	25	-	-
Surat	745	20	582	20	45	5	329	25	-	-
Vadodara	491	26	869	189	156	13	413	46	-	-
Varanasi	185	-	520	6	58	-	127	-	-	-
Vishakhapatnam	420	8	168	12	23	-	138	3	-	-

Source: National Crime Records Bureau,

Table 31.13-MOTIVES OF MURDER AND CULPABLE HOMICIDE NOT AMOUNTING TO MURDER

Year/States/U.Ts./ Cities	Gain		Property Dispute		Personal Vendetta or Enmity		Love Affairs/ Sexual Causes	
	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991	3382	474	4233	625	6380	634	2564	100
1992	3070	334	4091	494	6612	560	2518	101
1993	2610	277	4021	435	6335	576	2704	106
1994	2480	167	3480	392	6637	448	2992	283
1995	1757	125	3967	266	5688	253	2521	90
1996	2381	156	3946	337	5699	202	2616	91
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	108	2	260	9	324	5	403	-
Arunachal Pradesh	2	-	2	-	11	-	2	-
Assam	100	6	198	3	201	1	31	-
Bihar	941	103	1258	134	794	55	270	26
Goa	2	-	2	-	9	1	3	-
Gujarat	65	1	153	-	133	-	129	-
Haryana	11	-	102	8	97	8	35	2
Himachal Pradesh	6	-	18	-	19	-	16	1
Jammu & Kashmir	1	-	3	-	3	-	-	-
Karnataka	48	-	140	-	120	-	152	-
Kerala	32	1	18	-	186	2	9	-
Madhya Pradesh	132	1	388	2	573	1	234	1
Maharashtra	97	6	131	-	232	1	328	-
Manipur	7	-	-	-	23	-	1	-
Meghalaya	15	-	12	1	13	-	2	-
Mizoram	-	-	-	-	6	1	-	-
Nagaland	4	1	-	1	-	-	2	-
Orissa	54	3	80	3	111	4	54	-
Punjab	22	5	93	8	68	6	96	10
Rajasthan	98	3	148	1	280	2	40	1
Sikkim	2	-	-	1	-	-	-	-
Tamil Nadu	87	-	162	-	434	-	209	-
Tripura	52	-	13	-	40	-	3	-
Uttar Pradesh	408	19	637	128	1769	87	522	42
West Bengal	30	4	35	17	123	24	2	-
<b>Union Territories:</b>								
A. & N. Islands	-	-	-	-	-	-	2	-
Chandigarh	-	-	-	1	1	-	1	-
D. & N. Haveli	-	-	2	-	-	-	-	-
Daman & Diu	1	-	1	-	-	-	-	-
Delhi	55	1	89	20	114	2	68	8
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	1	-	1	-	15	2	2	-

**Table 31.13-MOTIVES OF MURDER AND CULPABLE HOMICIDE NOT AMOUNTING TO MURDER -Contd.**

Year/States/U.Ts./ Cities	Gain		Property Dispute		Personal Vendetta or Enmity		Love Affairs/ Sexual Causes	
	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide
1	2	3	4	5	6	7	8	9
<b>Cities:</b>								
Ahmedabad	5	-	4	-	3	-	7	-
Bangalore	17	-	7	-	14	-	7	-
Bhopal	2	-	4	-	18	-	7	-
Mumbai	29	1	7	-	21	1	14	-
Calcutta	3	-	2	-	5	4	2	-
Coimbatore	1	-	-	-	2	-	2	-
Delhi	40	-	74	16	93	1	55	6
Hyderabad	7	-	-	-	-	-	-	-
Indore	-	-	9	-	28	-	10	-
Jaipur	1	-	1	-	2	-	2	-
Kanpur	21	1	9	2	39	-	14	-
Kochi	2	-	-	-	4	-	-	-
Lucknow	8	-	4	-	36	2	10	1
Ludhiana	6	2	2	-	6	-	9	2
Chennai	5	-	6	-	23	-	-	-
Madurai	-	-	-	-	7	-	2	-
Nagpur	-	-	2	-	26	-	8	-
Patna	-	-	137	9	26	7	11	-
Pune	2	-	-	-	5	-	5	-
Surat	6	-	3	-	12	-	5	-
Vadodara	5	-	-	-	4	-	7	-
Varanasi	8	-	6	-	7	-	2	-
Vishakhapatnam	6	-	-	-	2	-	5	-

**Table 31.13-MOTIVES OF MURDER AND CULPABLE HOMICIDE NOT  
AMOUNTING TO MURDER-Contd.**

Year/States/U.Ts./ Cities	Dowry		Lunacy		Other Motives		Total	
	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide
1	10	11	12	13	14	15	16	17
<b>All India</b>								
1991	..	..	194	8	22421	2402	39174	4243
1992	..	..	364	19	23450	3113	40105	4621
1993	..	..	96	5	22474	2491	38240	3890
1994	..	..	92	8	22896	2648	38577	3946
1995	838	275	127	2	23404	3094	38302	4105
1996	1185	202	138	22	21706	2718	37671	3728
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	106	2	6	-	1402	104	2609	122
Arunachal Pradesh	..	-	1	-	58	4	76	4
Assam	29	1	7	-	869	22	1435	33
Bihar	268	46	9	1	1724	225	5264	590
Goa	-	-	1	-	13	8	30	9
Gujarat	47	-	18	-	793	10	1338	11
Haryana	17	1	4	-	340	64	606	83
Himachal Pradesh	-	-	-	-	64	6	123	7
Jammu & Kashmir	1	-	1	-	1035	15	1044	15
Karnataka	99	-	1	-	1044	55	1604	55
Kerala	2	-	4	-	166	91	417	94
Madhya Pradesh	51	71	71	19	1853	101	3302	196
Maharashtra	118	54	3	1	1868	57	2777	119
Manipur	-	-	-	-	163	4	194	4
Meghalaya	1	-	-	-	96	3	139	4
Mizoram	-	-	-	-	37	7	43	8
Nagaland	-	-	2	-	195	6	203	8
Orissa	116	-	-	-	593	97	1008	107
Punjab	14	11	1	-	412	54	706	94
Rajasthan	215	13	2	-	839	67	1622	87
Sikkim	-	-	-	-	3	1	5	2
Tamil Nadu	22	-	6	-	963	16	1883	16
Tripura	-	-	-	-	120	1	228	1
Uttar Pradesh	-	-	1	1	5163	1055	8500	1332
West Bengal	44	-	-	-	1693	586	1927	631
<b>Union Territories :</b>								
A. & N. Islands	-	-	-	-	9	1	11	1
Chandigarh	1	-	-	-	17	4	20	5
D. & N. Haveli	-	-	-	-	6	2	8	2
Daman & Diu	-	-	-	-	2	-	4	0
Delhi	34	3	-	-	158	48	518	82
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	8	4	27	6



**Table 31.13-MOTIVES OF MURDER AND CULPABLE HOMICIDE NOT AMOUNTING TO MURDER-Concl'd.**

Year/States/U. Ts./ Cities	Dowry		Lunacy		Other Motives		Total	
	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide	Murder	Culpable homicide
1	10	11	12	13	14	15	16	17
<b>Cities:</b>								
Ahmedabad	3	-	-	-	73	2	95	2
Bangalore	56	-	-	-	100	-	201	-
Bhopal	4	-	-	-	21	-	56	-
Mumbai	7	-	-	-	249	3	327	5
Calcutta	-	-	-	-	77	12	89	16
Coimbatore	1	-	-	-	13	-	19	0
Delhi	27	2	-	-	137	37	426	62
Hyderabad	-	-	-	-	104	6	111	6
Indore	-	-	1	-	39	3	87	3
Jaipur	17	-	-	-	38	3	61	3
Kanpur	15	-	-	-	71	18	169	21
Kochi	-	-	-	-	5	8	11	8
Lucknow	-	-	-	-	59	17	117	20
Ludhiana	1	1	-	-	37	11	61	16
Chennai	-	-	-	-	30	1	64	1
Madurai	-	-	-	-	17	1	26	1
Nagpur	-	-	-	-	65	-	101	-
Patna	-	-	-	-	54	4	228	20
Pune	-	-	1	-	72	2	85	2
Surat	4	-	1	-	69	-	100	-
Vadodara	6	-	1	-	21	-	44	-
Varanasi	-	-	-	-	40	14	63	14
Vishakhapatnam	1	1	-	-	6	-	20	1

Source: National Crime Records Bureau, Ministry of Home Affairs

Table 31.14-POLICE STRENGTH

(as on 31st December)

Year/States/ U.Ts./Cities	Armed Police					Civil Police (1)				
	DG/IG/ DIG/SP	Assi- stant Supdts, & Dy. Suptdts.	Inspect- ors, Sub-Ins- pectors & A.S.I	Officers below A.S.I.	Total	DG/IG/ DIG/SP	Assi- stant Supdts, & Dy. Suptdts.	Inspect- ors, Sub-Ins- pectors & A.S.I	Officers below A.S.I	Total
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1991	350	1036	12373	234978	248737	2664	4682	109046	787457	903849
1992	409	1134	12942	247760	262245	2865	4892	111902	800011	919670
1993	432	1263	12865	246039	260599	2854	5098	115636	813751	937339
1994	553	1287	13611	264465	279916	2866	4916	116833	825767	950382
1996	558	1259	13755	266415	281987	3102	5268	119334	841319	969023
1996	441	1205	13075	278682	293403	3005	5155	115993	832467	956620
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	21	39	642	9964	10666	158	290	5205	56392	62045
Arunachal Pradesh	2	10	46	1308	1366	19	19	441	2287	2766
Assam	48	124	697	19140	20009	157	161	4849	23482	28649
Bihar	22	63	1166	16395	17646	220	407	12544	49308	62479
Goa	-	1	34	593	628	7	11	212	1787	2017
Gujarat	11	41	480	29899	30431	114	175	3168	30815	34272
Haryana	6	12	290	4267	4575	70	106	2694	22901	25771
Himachal Pradesh	6	26	199	3478	3709	83	93	1164	6861	8201
Jammu & Kashmir	32	76	638	13378	14124	95	188	2695	18912	21890
Karnataka	10	35	351	7863	8259	140	230	5272	45282	50924
Kerala	16	23	292	4807	5138	66	175	2492	33706	36439
Madhya Pradesh	35	76	1993	20160	22264	185	448	4601	47535	52769
Maharashtra	14	36	837	12027	12914	184	383	12910	107432	120909
Manipur	18	22	223	6119	6382	38	33	908	3384	4363
Meghalaya	2	19	64	1716	1801	24	22	943	4804	5793
Mizoram	5	29	165	3360	3559	24	39	616	1739	2418
Nagaland	22	66	324	8943	9355	43	41	710	6848	7642
Orissa	6	54	328	6828	7216	143	144	4930	21228	26445
Punjab	31	154	942	16776	17903	151	283	5952	43986	50372
Rajasthan	15	39	282	10342	10678	173	219	5002	42206	47600
Sikkim	3	4	20	810	837	33	20	240	2161	2454
Tamil Nadu	17	36	425	9117	9595	209	466	5872	58486	65033
Tripura	7	11	102	5900	6020	31	36	1081	5632	6780
Uttar Pradesh	43	78	1113	32059	33293	389	633	11119	111800	123941
West Bengal	29	93	794	20696	21612	171	265	11681	45419	57536
<b>Union Territories:</b>										
A. & N. Islands	1	1	17	490	509	3	11	307	1682	2003
Chandigarh	-	2	46	1469	1517	4	9	394	2096	2503
D. & N. Haveli	-	-	-	-	-	1	1	9	213	224
Daman & Diu	-	-	-	-	-	1	2	21	227	251
Delhi	19	33	528	9936	10516	65	229	7799	32604	40697
Lakshadweep	-	-	-	-	-	1	1	50	281	333
Pondicherry	-	2	37	842	881	3	15	112	971	1101

For footnotes, please see next page,

Table 31.14-POLICE STRENGTH - Concl'd.

(as on 31st December)

Year/States/ U.Ts./Cities	Armed Police					Civil Police (1)				
	DG/IG/ DIG/SP	Assi- stant Supdts, & Dy. Suptdts.	Inspect- ors, Sub-Ins- pectors & A.S.I	Officers below A.S.I.	Total	DG/IG/ DIG/SP	Assi- stant Supdts, & Dy. Suptdts.	Inspect- ors, Sub-Ins- pectors & A.S.I	Officers below A.S.I	Total
1	2	3	4	5	6	7	8	9	10	11
<b>Cities:</b>										
Ahmedabad	1	2	38	2352	2393	14	15	344	5707	6080
Bangalore	4	14	226	3188	3432	17	32	1125	7596	8770
Bhopal	-	-	-	-	-	3	17	311	2603	2934
Mumbai	-	-	357	7274	7631	41	96	4595	21687	26419
Calcutta	8	32	288	7358	7686	24	83	3201	11096	14404
Coimbatore	-	-	-	-	-	5	11	105	1715	1836
Delhi	19	33	528	9936	10516	65	229	7799	32604	40697
Hyderabad	2	4	112	2126	2244	25	42	663	5411	6141
Indore	-	-	-	-	-	4	9	280	2573	2866
Jaipur	-	-	-	-	-	8	17	406	4894	5325
Kanpur	-	-	30	1331	1361	4	16	380	3491	3891
Kochi	-	5	32	750	787	1	12	127	1155	1295
Lucknow	-	-	34	2090	2124	5	13	339	3177	3534
Ludhiana	2	-	-	-	2	4	9	260	2863	3136
Chennai	2	12	188	3283	3485	18	46	417	5153	5634
Madurai	-	-	-	-	-	4	11	140	2119	2274
Nagpur	-	-	-	-	-	7	7	544	4638	5196
Patna	-	-	68	1383	1451	-	-	457	4167	4624
Pune	-	-	72	1654	1726	8	12	468	3445	3933
Surat	-	1	25	668	694	8	9	173	2280	2470
Vadodara	-	-	14	589	603	5	7	141	1943	2096
Varanasi	-	-	19	1008	1027	3	6	145	1864	2018
Vishakhapatnam	-	-	-	-	-	2	5	104	1518	1629

Source : National Crime Records Bureau, Ministry of Home Affairs

(1) Includes District Armed Reserve Police

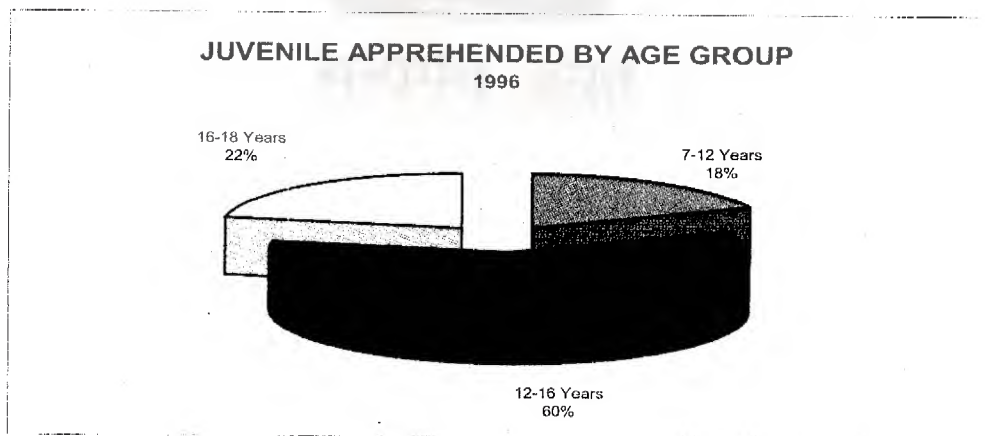
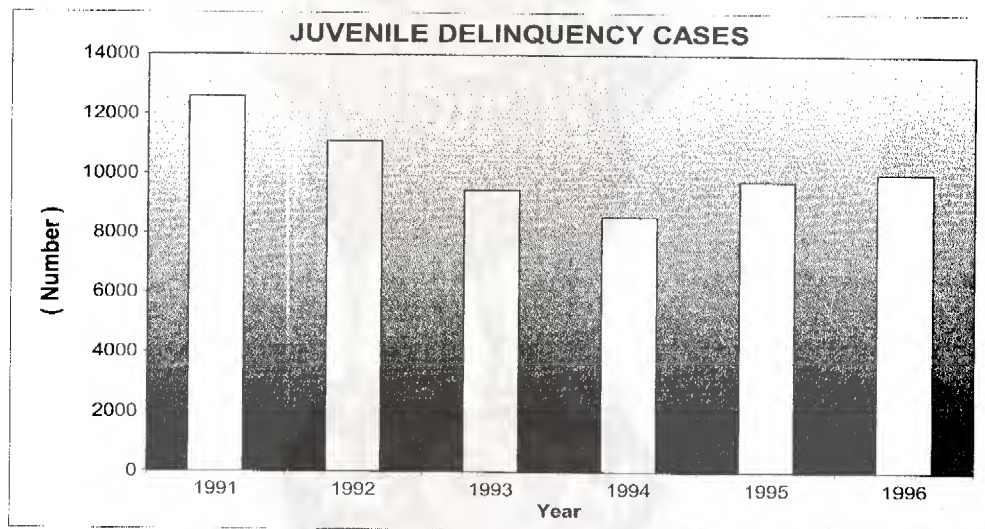
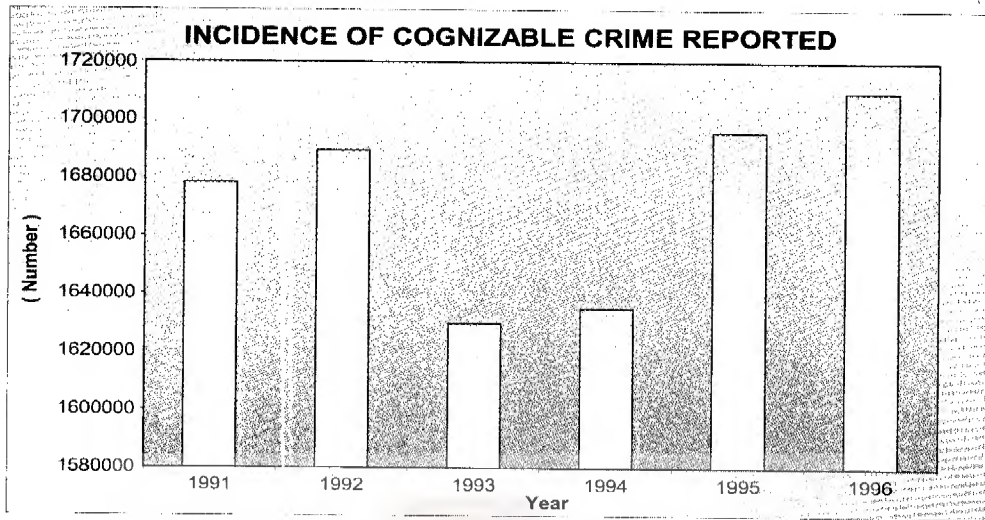




Table 31.15-NUMBER OF COGNIZABLE CRIME AND STRENGTH OF POLICE FORCE

Year/States/U.Ts.	Total Cognisa- ble Crime (I.P.C.) reported during the year(1)	Actual Strength of Police Force			Number of Policemen per 100 square Kilo- metres of Area	Number of Police- men per ,000 of Popu- lation	Number of IPC cases per Civil Police- man
		Civil	Armed	Total			
1	2	3	4	5	6	7	8
<b>All India</b>							
1991	1678375	903849	248737	1152586	35.0	1.4	1.9
1992	1689341	919670	262245	1181915	36.0	1.4	1.8
1993	2090508	937339	260599	1197938	36.0	1.4	2.2
1994	2077631	950382	279916	1230298	37.0	1.4	2.2
1995	2153628	969023	281987	1251010	39.5	1.4	2.2
1996	2166618	956620	293403	1250023	39.5	1.3	2.3
<b>1996 States:</b>							
Andhra Pradesh	147477	62045	10666	72711	26.4	1.0	2.4
Arunachal Pradesh	3092	2766	1366	4132	4.9	4.2	1.1
Assam	72331	28649	20009	48658	62.0	1.9	2.5
Bihar	173772	62479	17646	80125	46.1	0.8	2.8
Goa	3867	2017	628	2645	71.4	2.0	1.9
Gujarat	138078	34272	30431	64703	33.0	1.4	4.0
Haryana	38932	25771	4575	30346	68.6	1.6	1.5
Himachal Pradesh	14282	8201	3709	11910	21.4	2.1	1.7
Jammu & Kashmir	23196	21890	14124	36014	35.5	4.1	1.1
Karnataka	153018	50924	8259	59183	30.9	1.2	3.0
Kerala	108924	36439	5138	41577	107.0	1.3	3.0
Madhya Pradesh	205869	52769	22264	75033	16.9	1.0	3.9
Maharashtra	228820	120909	12914	133823	43.5	1.5	1.9
Manipur	6355	4363	6382	10745	48.1	5.2	1.5
Meghalaya	3447	5793	1801	7594	33.9	3.8	0.6
Mizoram	4546	2418	3559	5977	28.4	7.3	1.9
Nagaland	2726	7642	9355	16997	102.5	11.9	0.4
Orissa	62199	26445	7216	33661	21.6	1.0	2.4
Punjab	17878	50372	17903	68275	135.6	3.1	0.4
Rajasthan	165967	47600	10678	58278	17.0	1.2	3.5
Sikkim	901	2454	837	3291	46.4	6.8	0.4
Tamil Nadu	181487	65033	9595	74628	57.4	1.3	2.8
Tripura	5366	6780	6020	12800	122.1	4.1	0.8
Uttar Pradesh	196624	123941	33293	157234	53.4	1.0	1.6
West Bengal	98757	57536	21612	79148	89.2	1.1	1.7
<b>Union Territories:</b>							
A. & N. Islands	518	2003	509	2512	30.5	7.4	0.3
Chandigarh	2536	2503	1517	4020	3526.3	5.0	1.0
D. & N. Haveli	493	224	-	224	45.6	1.4	2.2
Daman & Diu	315	251	-	251	224.1	2.2	1.3
Delhi	102128	40697	10516	51213	3453.3	4.5	2.5
Lakshadweep	102	333	-	333	1040.6	5.6	0.3
Pondicherry	2615	1101	881	1982	402.8	2.2	2.4

Source: National Crime Records Bureau, Ministry of Home Affairs

(1) Includes pending cases from previous years also.





Accident statistics are a crucial tool for understanding the causes and consequences of road accidents. They provide valuable insights into the patterns of accidents, the factors that contribute to them, and the impact on society. By analyzing accident data, researchers and policymakers can identify trends, develop strategies to prevent accidents, and allocate resources more effectively. This document presents a comprehensive overview of accident statistics, covering various aspects such as accident types, causes, and the resulting human and economic costs. The data is presented in a clear and accessible format, allowing readers to gain a deeper understanding of the complexities of road accidents. The information is derived from reliable sources and is intended to serve as a valuable resource for anyone interested in road safety.

The following table provides a summary of the key findings from the accident statistics analysis. It highlights the most common types of accidents, the primary causes, and the resulting human and economic costs. The data is presented in a clear and accessible format, allowing readers to gain a deeper understanding of the complexities of road accidents.

Category	Value
Total Accidents	1,234,567
Fatal Accidents	12,345
Non-Fatal Accidents	1,222,222
Property Damage Only	987,654
Personal Injury	234,567
Fatalities	12,345
Primary Causes	
Driver Error	65%
Weather Conditions	15%
Vehicle Issues	10%
Human Factors	10%
Infrastructure	5%
Human and Economic Costs	
Human Cost (Lives Lost)	12,345
Economic Cost (Billion USD)	150.0

The data indicates that driver error is the most significant factor in road accidents, accounting for over 65% of all incidents. Weather conditions and vehicle issues also play a substantial role in the occurrence of accidents. The human and economic costs of road accidents are staggering, with over 12,000 lives lost and a total economic cost of 150 billion USD. These findings underscore the urgent need for improved road safety measures, including enhanced driver education, stricter vehicle safety standards, and better infrastructure planning. By addressing these key areas, we can significantly reduce the number of accidents and the resulting human and economic burden.

# ACCIDENT STATISTICS



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## CHAPTER 32

### Accident Statistics

**T**his section presents data relating to accidental deaths and suicides in India. The source for these data is the National Crime Records Bureau (NCRB), Ministry of Home Affairs, which obtains information from Police Authorities in different States. All-India information relate to the available States only and is, therefore, subject to revision. The NCRB for the year 1995 has started collected data in modified input from and therefore the format of the presentation of data have been changed as per the format of Statistical compilation of the NCRB. The older series have also been discontinued. Regarding data prior to 1995, the Statistical Abstract India 1997 and its earlier issues may be referred.

**Table 32.1**

This table shows the incidence of accidental deaths in different States, Union Territories and important cities. The causes of accidents have been classified into two broad categories viz. (i) natural causes such as lightening, heat stroke, landslide, etc. and (ii) accidents due to other causes such as mishaps in factories, air crash, railway accident etc.

**Table 32.2**

This table presents statistics of suicidal deaths classified according to sex and age-group and also by causes of suicides. Among the causes of suicides despair due to dreadful diseases, quarrel between married partners and with parents-in-law, and love affairs are some of the major causes.

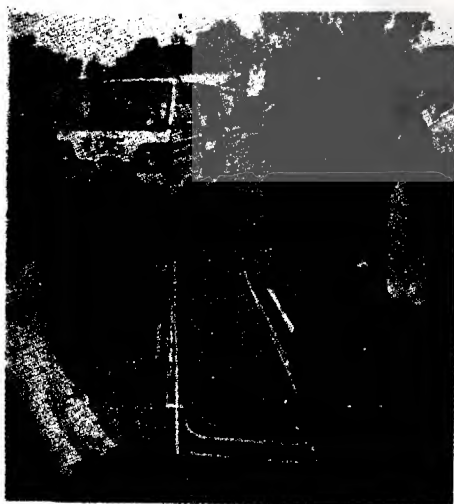


Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS

Year/States/ U.Ts./Cities	By natural causes											Total
	Avalan- che	Light- ning	Heat stroke	Flood	Cold & Expo- sure	Cycl- one/ Tornado	Starva- tion/ Thirst	Earth- quake/ Land slide	Epidemic	Torren- tial Rains	Other Natural Causes	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All India</b>												
1995	106	1664	1677	822	618	180	183	537	1165	335	14313	21600
1996	61	1699	434	708	547	1104	442	483	180	110	13162	18930
<b>1996</b>												
<b>States:</b>												
Andhra Pradesh	-	79	56	91	7	1039	40	6	2	13	666	1999
Arunachal Pradesh	-	-	-	-	4	-	-	32	-	-	-	36
Assam	2	8	9	23	-	-	-	3	1	-	657	703
Bihar	8	144	54	60	120	7	18	29	50	8	763	1261
Goa	-	-	-	-	-	-	-	-	-	-	49	49
Gujarat	-	38	34	73	47	11	97	48	37	11	536	932
Haryana	5	3	-	-	15	-	16	-	4	4	55	102
Himachal Pradesh	14	5	2	6	14	-	2	26	-	-	116	185
Jammu & Kashmir	7	7	1	40	16	1	1	11	2	1	135	222
Karnataka	-	82	5	30	-	3	2	82	13	30	-	247
Kerala	-	30	5	2	-	-	-	15	5	-	134	191
Madhya Pradesh	5	468	20	36	35	-	10	37	-	1	-	612
Maharashtra	-	311	21	136	20	-	33	27	5	6	4496	5055
Manipur	-	-	-	-	-	-	-	-	-	-	2	2
Meghalaya	-	1	1	3	-	-	1	3	-	-	22	31
Mizoram	-	-	-	-	-	-	-	12	-	-	-	12
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-
Orissa	-	188	32	6	1	-	-	18	5	-	267	517
Punjab	-	-	42	9	58	2	26	12	3	-	90	242
Rajasthan	-	32	36	48	34	-	24	16	7	17	1225	1439
Sikkim	-	-	-	-	-	-	-	22	-	-	14	36
Tamil Nadu	-	92	12	75	8	11	18	44	4	8	2820	3092
Tripura	-	9	3	-	-	2	-	2	-	-	-	16
Uttar Pradesh	19	63	70	47	87	7	18	14	15	9	947	1296
West Bengal	-	137	28	23	4	3	-	24	-	1	134	354
<b>Union Territories:</b>												
A. & N. Islands	-	-	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-	25	25
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	1	-	-	-	9	10
Delhi	1	2	3	-	77	-	100	-	27	1	-	211
Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	18	35	-	-	-	-	53



Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS -Contd.

Year/State/ U.Ts./Cities	By natural causes											Total
	Avalan- che	Light- ning	Heat stroke	Flood	Cold & Expo- sure	Cycl- one/ Tornado	Starva- tion/ Thirst	Earth- quake/ Land slide	Epidemic	Torren- tial Rains	Other Natural Causes	
1	2	3	4	5	6	7	8	9	10	11	12	13
Cities:												
Ahmedabad	-	-	2	-	1	2	20	2	4	-	406	437
Bangalore	-	4	1	-	-	-	-	-	1	-	-	6
Bhopal	-	4	-	-	-	-	-	-	-	-	-	4
Mumbai	-	1	1	2	-	-	8	1	-	-	-	13
Calcutta	-	-	-	-	-	-	-	-	-	-	-	-
Coimbatore	-	-	-	-	-	-	-	-	-	-	-	-
Delhi	1	2	3	-	72	-	100	-	27	1	-	206
Hyderabad	-	11	21	-	6	-	32	-	-	12	-	82
Indore	-	4	1	2	7	-	-	-	-	-	55	69
Jaipur	-	-	-	-	-	-	-	-	-	-	-	-
Kanpur	-	2	12	-	7	-	2	-	3	-	74	100
Kochi	-	1	-	-	-	-	-	-	-	-	-	1
Lucknow	-	2	3	2	-	6	-	-	-	-	29	42
Ludhiana	-	-	-	-	2	-	-	-	-	-	-	2
Chennai	-	-	-	-	-	-	-	-	-	-	615	615
Madurai	-	-	-	3	-	-	-	4	-	-	119	126
Nagpur	-	-	1	1	-	-	5	1	-	-	-	8
Patna	-	-	3	-	5	-	-	-	-	-	13	21
Pune	-	7	-	-	-	-	-	1	-	-	-	8
Surat	-	-	-	-	2	1	3	-	-	-	-	6
Vadodara	-	-	-	-	-	-	2	2	-	-	-	4
Varanasi	2	1	-	-	-	-	-	-	-	-	64	67
Vishakhapatnam	-	-	5	-	-	-	-	-	-	-	86	91

**Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS - Contd.**

Year/States/ U.Ts./Cities	By un-natural causes									
	Air- Crash	Collapse of Stru- cture	Drowning	Electro- cution	Explo- sion	Falls	Factory/ Machine Accidents	Fire	Fire- Arms	Sudden deaths
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1995	10	2881	21226	3861	581	5149	616	22922	1052	7598
1996	338	2050	20873	4303	563	5413	613	22649	1400	9749
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	22	133	1932	550	17	558	41	1925	5	321
Arunachal Pradesh	-	1	31	7	-	12	-	5	-	2
Assam	-	5	447	58	12	16	1	188	21	14
Bihar	-	133	598	59	43	142	24	554	26	146
Goa	-	5	179	17	-	73	-	73	-	49
Gujarat	-	164	930	350	22	708	104	2832	-	662
Haryana	312	25	144	89	2	52	16	229	40	164
Himachal Pradesh	-	4	45	15	1	60	3	42	1	46
Jammu & Kashmir	-	5	58	17	76	68	-	3	143	51
Karnataka	-	132	1407	192	19	258	15	1102	2	398
Kerala	-	70	1036	92	10	323	14	303	5	374
Madhya Pradesh	-	323	4281	904	30	608	88	2644	74	1231
Maharashtra	-	244	5078	699	29	941	81	7120	6	4199
Manipur	-	-	8	2	22	2	-	1	-	13
Meghalaya	-	2	16	9	3	3	1	8	3	8
Mizoram	-	4	9	1	-	10	-	1	-	2
Nagaland	-	-	-	-	-	-	-	-	-	-
Orissa	-	28	585	104	16	263	29	269	5	176
Punjab	-	34	201	102	9	79	16	384	8	121
Rajasthan	2	152	1576	267	60	305	46	996	5	392
Sikkim	-	-	6	2	7	23	-	1	-	11
Tamil Nadu	-	155	902	143	9	261	26	1577	112	302
Tripura	-	-	49	1	-	-	-	4	-	-
Uttar Pradesh	2	267	607	337	93	201	66	1115	894	235
West Bengal	-	50	537	96	47	166	7	482	34	423
<b>Union Territories:</b>										
A. & N. Islands	-	1	20	4	-	12	-	21	-	9
Chandigarh	-	-	2	4	-	8	-	14	4	14
D. & N. Haveli	-	2	16	1	-	5	1	7	-	5
Daman & Diu	-	-	9	-	-	5	2	7	-	-
Delhi	-	103	96	152	36	226	31	691	12	265
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondichery	-	8	68	29	-	25	1	51	-	116

Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS - Contd.

Year/States/ U.Ts./Cities	By un-natural causes									
	Air- City	Collapse Crash '	Drowning of Stru- cture	Electro- cution	Explo- sion	Falls	Factory/ Machine	Fire Arms Accidents	Fire- eaths	Sudden
1	2	3	4	5	6	7	8	9	10	11
<b>Cities:</b>										
Ahmedabad	-	25	30	14	-	100	7	297	-	32
Bangalore	-	29	86	23	-	58	3	457	26	105
Bhopal	-	3	14	6	-	2	3	25	-	14
Mumbai	-	62	327	95	12	501	29	1368	-	1599
Calcutta	-	2	40	14	6	15	1	38	2	22
Coimbatore	-	4	16	9	-	8	1	40	-	32
Delhi	-	88	50	114	30	196	24	556	11	229
Hyderabad	-	9	137	29	3	73	2	283	-	70
Indore	-	9	50	27	2	42	3	193	2	84
Jaipur	-	-	17	9	-	29	-	122	-	21
Kanpur	-	15	30	26	4	30	4	170	28	20
Kochi	-	2	47	10	-	20	-	14	-	27
Lucknow	-	5	13	6	4	4	-	31	18	-
Ludhiana	-	4	2	9	-	8	4	41	-	9
Chennai	-	7	58	19	-	53	1	286	-	82
Madurai	-	4	-	-	-	-	-	8	-	-
Nagpur	-	9	88	17	-	34	1	310	-	85
Patna	-	2	15	5	3	20	-	85	-	5
Pune	-	8	110	16	1	53	7	402	-	392
Surat	-	3	97	38	1	116	15	184	-	49
Vadodara	-	5	26	15	-	27	-	134	-	19
Varanasi	-	8	27	11	-	4	2	47	13	18
Vishakhapatnam	-	2	29	21	1	35	6	80	-	29

Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS -Contd.

Year/States/ U.Ts./Cities	By un-natural causes-Contd.								Total
	Killed by animals	Mines or quarry disaster	Poison- ing	Stampede	Suffoca- tion	Traffic accidents	Other causes	Causes not known	
1	12	13	14	15	16	17	18	19	20
<b>All India</b>									
1995	804	349	20135	233	444	84803	14001	14222	222487
1996	735	447	18907	64	665	84775	13552	14068	201164
<b>1996</b>									
<b>States:</b>									
Andhra Pradesh	29	30	862	-	11	8188	247	325	15196
Arunachal Pradesh	11	-	4	-	-	101	-	18	192
Assam	76	-	362	1	-	776	197	651	2825
Bihar	71	13	470	7	33	3742	104	163	6328
Goa	2	-	18	-	-	229	108	24	777
Gujarat	47	23	800	1	67	5799	795	272	13576
Haryana	1	6	439	4	4	1563	116	120	3326
Himachal Pradesh	-	-	96	-	1	718	68	13	1113
Jammu & Kashmir	7	-	14	-	-	593	61	4	1100
Karnataka	38	6	1170	1	5	4875	-	1167	10787
Kerala	16	13	172	-	6	2985	281	179	5879
Madhya Pradesh	90	149	4230	41	94	6075	10	4864	25736
Maharashtra	129	54	3904	6	236	12551	7504	2388	45169
Manipur	-	-	1	-	-	99	1	14	163
Meghalaya	3	-	-	-	-	89	15	4	164
Mizoram	-	-	1	-	-	82	-	7	117
Nagaland	-	-	-	-	-	99	-	-	99
Orissa	41	3	718	-	46	2051	366	515	5215
Punjab	4	9	422	-	5	1686	108	227	3415
Rajasthan	35	93	903	-	41	4419	1301	483	11076
Sikkim	-	-	2	-	-	30	13	4	99
Tamil Nadu	24	12	2108	-	9	9218	449	518	15825
Tripura	-	-	-	-	-	136	-	-	190
Uttar Pradesh	32	33	942	-	95	9509	1243	569	16240
West Bengal	72	1	1033	1	5	5641	330	1004	9929
<b>Union Territories:</b>									
A. & N. Islands	2	-	1	-	-	13	26	11	120
Chandigarh	-	-	16	-	-	128	18	-	208
D. & N. Haveli	1	-	8	-	-	34	4	6	90
Daman & Diu	-	-	-	-	-	15	-	-	38
Delhi	3	2	182	2	7	3219	187	448	5662
Lakshadweep	-	-	-	-	-	-	-	-	-
Pondicherry	1	-	29	-	-	112	-	70	510



Table 32.1-INCIDENCE OF ACCIDENTAL DEATHS - Concl'd.

Year/States/ U.Ts./Cities	By un-natural causes								Total
	Killed by animals	Mines or quarry disaster	Poison- ing	Stampede	Suffoca- tion	Traffic accidents	Other causes	Causes not known	
1	12	13	14	15	16	17	18	19	20
<b>Cities:</b>									
Ahmedabad	-	-	58	-	-	92	287	8	950
Bangalore	1	-	191	25	2	723	-	405	2134
Bhopal	1	3	17	-	-	178	3	12	281
Mumbai	11	-	339	4	117	1405	59	511	6439
Calcutta	1	-	24	-	-	475	-	50	690
Coimbatore	-	-	9	-	-	184	-	26	329
Delhi	2	2	141	2	7	2779	162	379	4772
Hyderabad	-	-	66	-	3	372	-	113	1160
Indore	1	-	147	-	7	298	27	27	919
Jaipur	6	5	7	-	-	338	173	153	880
Kanpur	2	1	91	-	2	305	161	70	959
Kochi	1	-	-	-	-	164	3	-	288
Lucknow	-	-	13	-	-	262	44	-	400
Ludhiana	-	-	21	-	-	25	11	2	136
Chennai	-	-	82	-	-	615	58	88	1349
Madurai	-	-	-	-	-	107	7	-	126
Nagpur	1	-	34	-	-	228	158	248	1213
Patna	-	-	15	3	-	111	1	-	265
Pune	2	-	14	-	-	350	39	1	1395
Surat	3	-	81	-	1	133	99	9	829
Vadodara	-	-	28	-	3	145	102	2	506
Varanasi	-	-	29	-	3	194	47	25	428
Vishakhapatnam	-	-	7	-	-	162	-	12	384

Source: National Crime Records Bureau, Ministry of Home Affairs

## Notes:

1. Poisoning includes the incidence due to food poisoning/Accidental intake insects, spurious poisoning liquor, leakage of poisoning gases etc., snake bite/Animal bite and others.
2. Traffic accidents includes Road accidents, Rail road accidents and other railway accidents.

Table 32.2-INCIDENCE OF SUICIDES

Year/States/U.Ts./ Cities	By sex All age group		By age group				
	Male	Female	Upto 14 years	15-29 years	30-44 years	45-59 years	Above 60 years
	2	3	4	5	6	7	8
<b>All India</b>							
1995	52357	36821	3194	36478	29084	14943	5499
1996	51206	37035	3404	33925	29138	15393	6381
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	4337	3206	230	2651	2583	1440	639
Arunachal Pradesh	38	13	1	15	29	6	-
Assam	1678	814	157	913	804	501	117
Bihar	476	431	39	362	336	117	53
Goa	350	199	16	214	204	89	26
Gujarat	2209	1973	80	2008	1337	560	197
Haryana	778	376	42	531	347	173	61
Himachal Pradesh	129	82	3	91	80	30	7
Jammu & Kashmir	17	23	3	27	9	1	-
Karnataka	5533	3287	260	3118	3013	1651	778
Kerala	5414	2672	102	2389	2591	1898	1106
Madhya Pradesh	3616	3154	193	3041	1974	1053	509
Maharashtra	6489	4727	402	4661	3900	1733	520
Manipur	16	2	-	8	6	4	-
Meghalaya	59	13	2	18	34	12	6
Mizoram	31	3	3	24	6	1	-
Nagaland	26	8	-	16	17	1	-
Orissa	1488	1474	85	1299	931	496	151
Punjab	435	155	7	238	181	118	46
Rajasthan	1603	1016	112	1101	898	405	103
Sikkim	54	20	3	31	22	14	4
Tamil Nadu	5230	3773	424	3101	3120	1684	674
Tripura	299	256	37	170	148	124	76
Uttar Pradesh	2349	2122	254	2043	1321	601	252
West Bengal	7537	6545	904	5074	4658	2456	990
<b>Union Territories:</b>							
A. & N. Islands	85	64	4	53	53	37	2
Chandigarh	17	11	-	14	8	4	2
D. & N. Haveli	28	11	-	18	12	8	1
Daman & Diu	9	4	-	7	1	5	-
Delhi	557	401	32	474	336	96	20
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	319	200	9	215	179	75	41

Table 32.2-INCIDENCE OF SUICIDES -Contd.

Year/States/U.Ts./ Cities	By sex All age group		By age group				
	Male	Female	Upto 14 years	15-29 years	30-44 years	45-59 years	Above 60 years
1	2	3	4	5	6	7	8
<b>Cities:</b>							
Ahmedabad	241	196	13	195	120	76	33
Bangalore	454	386	56	389	246	110	39
Bhopal	86	127	-	96	68	42	7
Mumbai	581	505	24	514	334	143	71
Calcutta	87	91	5	72	57	28	16
Coimbatore	162	88	1	73	73	60	43
Delhi	465	334	26	379	289	86	19
Hyderabad	220	200	19	192	139	49	21
Indore	159	78	6	122	66	28	15
Jaipur	87	80	13	96	45	12	1
Kanpur	279	209	30	188	146	76	48
Kochi	123	63	4	58	68	34	22
Lucknow	54	27	1	43	24	13	-
Ludhiana	5	3	-	5	1	2	-
Chennai	507	405	7	314	349	173	69
Madurai	131	113	3	68	85	72	16
Nagpur	203	141	7	131	112	57	37
Patna	40	35	9	35	13	10	8
Pune	258	149	10	155	153	64	25
Surat	135	125	3	112	99	30	16
Vadodara	77	66	1	69	48	15	10
Varanasi	48	31	1	29	34	8	7
Vishakhapatnam	75	38	2	46	43	10	12

Table 32.2-INCIDENCE OF SUICIDES-Contd.

Year/States/U.Ts./ Cities	By Cause of Suicide							
	Bankruptcy or sudden change in Eco.status	Illness	Death of dear person	Dowry dispute	Drug abuse	Failure in exam- ination	Fall in Social reputa- tion	Family problems
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1995	1878	18045	1696	2388	745	2177	1319	13768
1996	1492	17767	1029	2180	1221	2338	947	16658
<b>1996</b>								
<b>States:</b>								
Andhra Pradesh	112	3148	123	162	3	108	120	1563
Arunachal Pradesh	-	1	-	-	-	4	-	2
Assam	30	191	22	12	24	79	82	101
Bihar	12	157	12	50	9	43	4	204
Goa	5	82	3	3	1	3	1	55
Gujarat	117	1030	74	69	29	73	93	715
Haryana	13	154	27	22	28	20	15	205
Himachal Pradesh	1	41	1	2	-	10	2	45
Jammu & Kashmir	-	2	-	12	-	2	-	5
Karnataka	149	2685	76	33	356	110	49	1126
Kerala	389	1815	43	14	34	63	106	1872
Madhya Pradesh	85	1124	49	421	85	164	87	1357
Maharashtra	197	2064	106	509	180	235	71	2197
Manipur	-	2	-	-	-	-	-	-
Meghalaya	-	9	-	-	-	-	-	4
Mizoram	-	4	-	-	5	-	-	3
Nagaland	-	-	-	-	1	-	-	5
Orissa	8	297	13	96	5	68	29	842
Punjab	11	114	3	35	52	13	5	78
Rajasthan	21	344	19	98	62	84	44	568
Sikkim	-	12	3	-	-	-	-	16
Tamil Nadu	133	1873	59	125	68	161	13	2347
Tripura	3	172	1	19	-	55	5	121
Uttar Pradesh	92	494	42	372	184	64	63	469
West Bengal	78	1598	346	80	53	955	139	2229
<b>Union Territories:</b>								
A. & N. Islands	-	46	1	-	-	1	-	31
Chandigarh	-	8	-	3	-	-	-	6
D. & N. Haveli	-	12	-	2	-	-	-	13
Daman & Diu	-	1	-	-	-	-	-	-
Delhi	12	99	6	41	38	18	19	221
Lakshadweep	-	-	-	-	-	-	-	-
Pondicherry	24	188	-	-	4	5	-	258



Table 32.2-INCIDENCE OF SUICIDES-Contd.

Year/States/U.Ts./ Cities	By Cause of Suicide							
	Bankruptcy or sudden change in Eco. status	Illness	Death of dear person	Dowry dispute	Drug abuse	Failure in exam- ination	Fall in Social reputa- tion	Family problems
1	2	3	4	5	6	7	8	9
<b>Cities:</b>								
Ahmedabad	8	70	4	-	1	7	2	11
Bangalore	9	145	1	11	28	13	2	165
Bhopal	-	8	-	25	2	7	-	97
Mumbai	26	205	21	37	59	32	5	217
Calcutta	5	19	-	11	7	13	-	31
Coimbatore	12	56	10	32	8	2	-	61
Delhi	8	81	6	37	34	4	19	178
Hyderabad	11	66	1	17	1	18	2	94
Indore	-	47	3	18	13	6	4	66
Jaipur	-	-	-	33	-	7	8	28
Kanpur	20	104	-	13	18	1	1	27
Kochi	6	67	1	-	4	-	-	76
Lucknow	-	8	-	18	-	1	-	14
Ludhiana	-	1	1	-	-	1	-	2
Chennai	-	179	1	6	14	12	1	252
Madurai	8	122	3	5	-	2	-	22
Nagpur	1	59	-	16	4	16	2	95
Patna	1	21	-	5	-	1	2	14
Pune	5	120	5	1	28	10	3	75
Surat	3	67	3	26	2	12	3	65
Vadodara	-	25	-	1	-	6	-	7
Varanasi	2	23	-	11	-	-	2	24
Vishakhapatnam	5	33	19	-	-	7	-	16

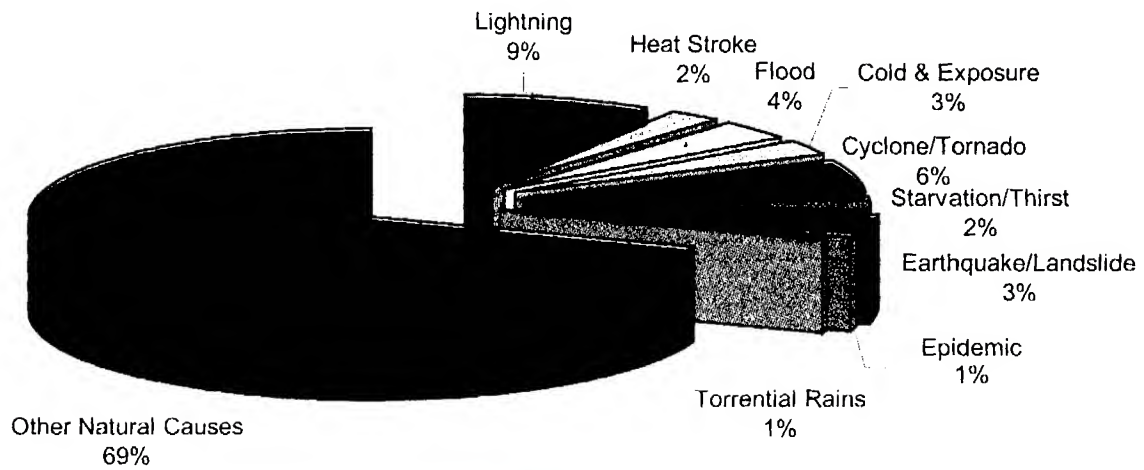
Table 32.2-INCIDENCE OF SUICIDES-Contd.

Year/States/U.Ts./ Cities	By Cause of Suicide-Concl'd						Total
	Love affairs	Poverty	Property dispute	Un-Emplo- ment	Causes not known	Other causes	
1	10	11	12	13	14	15	16
<b>All India</b>							
1995	5279	2362	2680	1653	17676	17512	89178
1996	3673	3099	1877	1579	18002	16379	88241
<b>1996</b>							
<b>States:</b>							
Andhra Pradesh	124	561	191	84	624	620	7543
Arunachal Pradesh	1	-	-	-	42	1	51
Assam	142	28	20	143	759	859	2492
Bihar	46	5	7	15	82	261	907
Goa	20	7	-	8	78	283	549
Gujarat	123	117	35	214	658	835	4182
Haryana	43	22	30	19	406	146	1154
Himachal Pradesh	12	2	2	6	52	35	211
Jammu & Kashmir	-	-	1	-	13	5	40
Karnataka	174	482	86	135	3063	296	8820
Kerala	142	392	48	231	626	2311	8086
Madhya Pradesh	191	106	162	69	2398	472	6770
Maharashtra	254	428	190	216	1651	2918	11216
Manipur	-	-	-	-	4	12	18
Meghalaya	4	-	-	-	27	28	72
Mizoram	-	-	-	-	15	7	34
Nagaland	-	-	-	2	25	1	34
Orissa	143	24	16	35	686	700	2962
Punjab	10	37	8	26	136	62	590
Rajasthan	83	73	50	59	504	610	2619
Sikkim	1	-	-	-	34	8	74
Tamil Nadu	205	637	70	79	1069	2164	9003
Tripura	86	5	-	2	74	12	555
Uttar Pradesh	119	66	52	58	902	1494	4471
West Bengal	1692	49	902	137	3725	2099	14082
<b>Union Territories:</b>							
A. & N. Islands	1	-	1	1	-	67	149
Chandigarh	4	-	-	-	-	7	28
D. & N. Haveli	3	-	-	1	4	4	39
Daman & Diu	2	-	-	-	7	3	13
Delhi	46	53	6	37	334	28	958
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	2	5	-	2	4	27	519

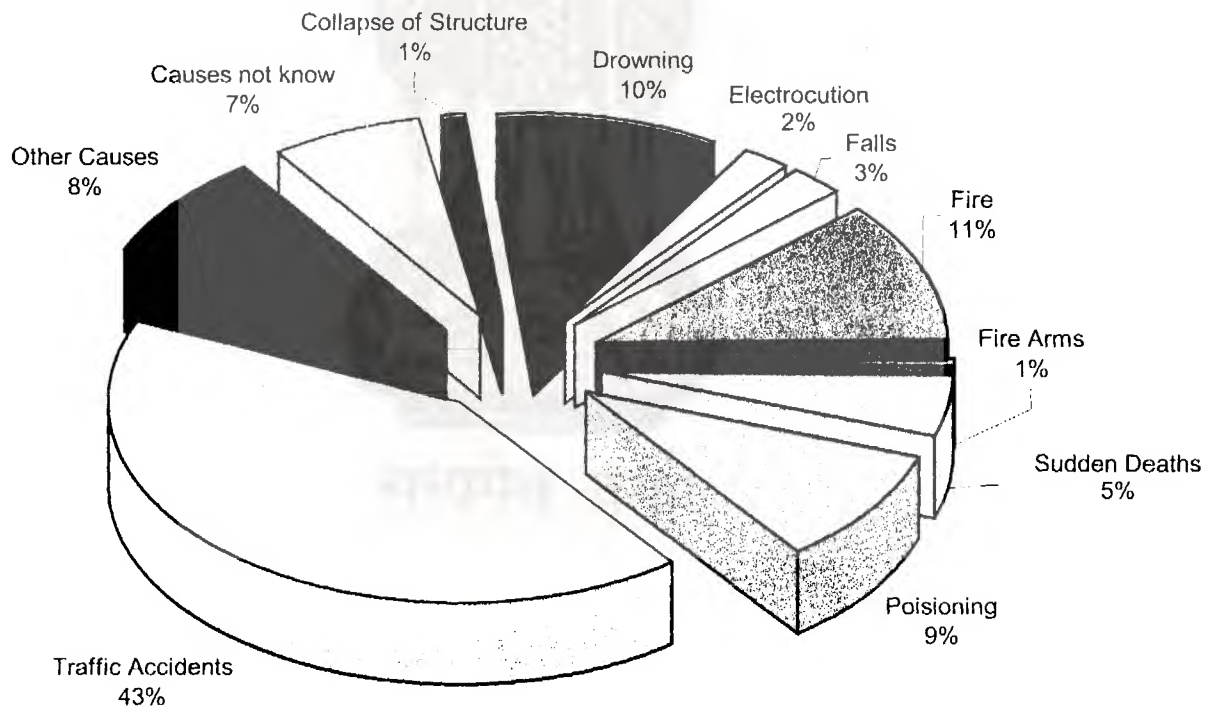
Table 32.2- INCIDENCE OF SUICIDES - Concl'd.

Year/ <i>States/U.Ts./ Cities</i>	By Cause of Suicide-Concl'd						Total
	Love affairs	Poverty	Property dispute	Un-Emplo- ment	Causes not known	Other causes	
1	10	11	12	13	14	15	16
<b>Cities:</b>							
Ahmedabad	10	6	1	9	59	249	437
Bangalore	22	29	3	21	366	25	840
Bhopal	15	-	-	-	53	6	213
Mumbai	18	38	2	40	309	77	1086
Calcutta	14	28	1	19	19	11	178
Coimbatore	4	18	14	3	22	40	250
Delhi	36	47	7	26	292	24	799
Hyderabad	13	13	4	60	109	11	420
Indore	4	1	2	3	9	61	237
Jaipur	9	6	1	5	46	24	167
Kanpur	11	8	4	10	107	164	488
Kochi	10	-	-	3	11	8	186
Lucknow	-	-	-	-	11	29	81
Ludhiana	-	-	-	-	3	-	8
Chennai	21	101	6	18	168	133	912
Madurai	3	23	9	6	20	21	244
Nagpur	10	5	64	10	50	12	344
Patna	2	-	2	-	19	8	75
Pune	8	15	-	11	91	35	407
Surat	3	5	-	13	25	33	260
Vadodara	7	2	2	4	82	7	143
Varanasi	-	1	-	-	6	10	79
Vishakhapatnam	4	12	-	4	7	6	113

### NUMBER OF ACCIDENTAL DEATHS BY NATURAL CAUSES (1996)



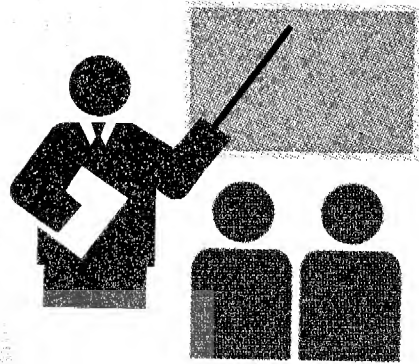
### NUMBER OF ACCIDENTAL DEATHS BY UNNATURAL CAUSES (1996)











**EDUCATION**



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## CHAPTER 33

# Education

**T**he academic year for the tables in this section is taken to coincide with the financial year ending 31st March.

**Table 33.1**

This is a summary table giving data regarding educational institutions, scholars and expenditure on education. Thus this table gives a general idea of the educational development in the country from 1950-51 onwards. Direct expenditure means expenditure directly connected with the maintenance of an institution viz. salary of teachers and other recurring expenditure. Indirect expenditure means all expenditure on inspection, direction, buildings, furniture, scholarships and other miscellaneous items. Its nature is such that it cannot be apportioned to each type of institution.

**Table 33.2**

This table shows the number of recognised educational institutions by various types.

**Table 33.3 and 33.4**

These tables present enrolment in institutions/colleges and schools separately.

Table 33.3 gives enrolment according to faculty and stage for the following heads for colleges only.

- (i) Colleges for general education.
- (ii) Colleges for professional and special education.



While Table No. 33.4 gives number of Scholars by courses and stages for schools only for the same headings as in case of colleges in table 33.3 Special education includes mainly reformatory schools, schools for handicapped. Institutions for fine art including music and dancing and social work. Institutions of adult education and oriental studies have been included under other education.

#### Table 33.5

This table shows the number of institutions and scholars in rural areas i.e. the areas outside limits of municipal, cantonment and notified small-town committees.

#### Table 33.6

This table shows direct expenditure by type of educational institutions and indirect expenditure on all educational institutions. Indirect expenditure represents the amount incurred on direction, inspection, buildings, furniture, scholarships, hostels and other miscellaneous items. Data in respect of colleges have been presented upto the year 1983-84 only, as these are yet to be compiled by University Grants Commission.

#### Table 33.7

This table shows the number of total and women teachers engaged in teaching at different stages of education in recognised institutions, viz. primary, middle, secondary and also in technical and special schools and in colleges and universities. Teachers in schools for general education are classified as trained and untrained.

#### Table 33.9

This table presents literacy rate as per the recent Census (1991) and the various NSS Rounds, conducted by National Sample Survey Organisation (NSSO).

**General Notes :** Some of the tables relating to Expenditure and Education of Scheduled Castes and Scheduled Tribes have not been included here as the latest date for which information was available pertain to the year too far in the past. However a reference to Statistical Abstract India 1997 can be referred for such data.



**Table 33.1-EDUCATIONAL INSTITUTIONS, SCHOLARS AND EXPENDITURE**  
**General Summary**

Year	Number of institutions			Number of scholars ('000.no.)		
	Colleges(1)	Schools(2)	Total	Colleges		Schools(2)
				Total	Women	Total
1	2	3	4	5	6	7
1990-91	7532	1042483	1050015	4925	1556	159582
1991-92	7952	1016333	1024285	5266	1686	164907
1992-93	8191	1082385	1916931	5535	1811	183898
1993-94(P)	9003	835474*	844477	5817	1931	171615
1994-95(P)	8991	885615*	894606	6114	2065	173804
1995-96(P)	9278	900213*	909491	6426	2191	175919
1996-97(P)	9883	921346*	931229	-	-	181412

Year	Number of scholars('000 no.)-contd.			Expenditure (Rs.lakh)		
	Schools(2) -contd.	Total for Colleges and Schools		Direct	Indirect	Total
		Women	Women			
1	8	9	10	11	12	13
1990-91	63622	164507	65178	950566	28376	978942
1991-92	66478	170173	68164	1041314	28209	1069523
1992-93	73850	189433	75661	..	..	..
1993-94(P)	70468	177432	72399	..	..	..
1994-95(P)	71291	179918	73356	..	..	..
1995-96(P)	72504	182345	74695	..	..	..
1996-97(P)	75277	-	-	..	..	..

Source: 1. Department of Education, Ministry of Human Resource Development  
2. University Grants Commission

\* These figures are provisional and include schools for Social (Adult) Education and other Education.

(1) Includes universities, institutions deemed to be universities and institutions of national importance.

(2) Includes all type of general and technical schools.

Table 33.2-NUMBER OF RECOGNISED EDUCATIONAL INSTITUTIONS

Year/States/ Union Territories	Univer- sities	Institu- tions deemed to be Uni- versities	Institu- tions of National Importance	Degree colleges			
				Arts, Sci- ence & Commerce Colleges(1)	Oriental learning Colleges	Agricul- ture Colleges	Law Colleges
1	2	3	4	5	6	7	8
<b>All India</b>							
1990-91	147	29	10	4877	723	79	241
1991-92	151	31	10	5162	729	82	274
1992-93	155	31	10	5325	733	83	279
1993-94	159	38§	10	5885	733	83	298
<b>1993-94</b>							
<b>States:</b>							
Andhra Pradesh	13	4	-	579	49	6	59
Arunachal Pradesh	1	-	-	4	-	-	-
Assam	5	-	-	179	1	2	16
Bihar	12	3	-	530	93	5	23
Goa	1	-	-	21	-	-	2
Gujarat	9	1	-	276	14	5	32
Haryana	3	1	-	131	-	2	-
Himachal Pradesh	3	-	-	55	-	4	-
Jammu & Kashmir	3	1	-	31	5	2	-
Karnataka	10	2	-	614	-	7	53
Kerala	6	-	1	162	10	3	6
Madhya Pradesh	14	-	-	515	1	8	22
Maharashtra	14	6	1	817	6	14	34
Manipur	1	-	-	44	-	1	1
Meghalaya	1	-	-	22	-	-	2
Mizoram	-	-	-	10	-	-	1
Nagaland	-	-	-	10	-	1	2
Orissa	5	-	-	446	5	2	24
Punjab	4	1	-	184	3	1	-
Rajasthan	6	4	-	161	38	3	5
Sikkim	-	-	-	1	-	-	1
Tamil Nadu	13	3	2	259	9	8	6
Tripura	1	-	-	14	-	-	1
Uttar Pradesh	20	6	1	417	491	7	1
West Bengal	9	1	2	318	1	1	6
<b>Union Territories:</b>							
A & N Islands	-	-	-	2	-	-	-
Chandigarh	-	-	1	11	-	-	-
D & N Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	1	-	-	-
Delhi	4	5	2	61	7	-	-
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	1	-	-	10	-	1	1

(1) Includes Library Science and Social Work Colleges.

§ It includes 4 Institutes Established under the State Legislative Act.

Table 33.2-NUMBER OF RECOGNISED EDUCATIONAL INSTITUTIONS-Contd.

Year/States/ Union Territories	Degree Colleges-Concl'd.					Total	Total for Higher Level Education
	Medical Colleges	Veterinary Science Colleges	Teacher's Training Colleges	Engineering Tech./Arch. Colleges	Other Colleges (2)		
1	9	10	11	12	13	14	15
<b>All India</b>							
1990-91	441	37	506	289	153	7346	7532
1991-92	482	38	526	298	169	7760	7952
1992-93	518	39	531	300	187	7995	8191
1993-94	621	51	535	323	267	8796	9003
<b>1993-94</b>							
<b>States:</b>							
Andhra Pradesh	26	3	48	36	27	833	850
Arunachal Pradesh	-	-	-	-	-	4	5
Assam	6	3	13	3	1	224	229
Bihar	32	8	16	6	2	715	730
Goa	5	-	2	2	2	34	35
Gujarat	24	4	38	8	3	404	414
Haryana	7	2	20	4	1	167	171
Himachal Pradesh	5	1	1	1	-	67	70
Jammu & Kashmir	3	1	10	2	4	58	62
Karnataka	157	4	67	50	23	975	987
Kerala	14	2	19	9	2	227	234
Madhya Pradesh	18	4	21	14	32	635	649
Maharashtra	140	7	143	98	119	1378	1399
Manipur	1	-	3	-	-	50	51
Meghalaya	-	-	2	-	-	26	27
Mizoram	-	-	1	-	-	12	12
Nagaland	-	-	1	-	-	14	14
Orissa	22	2	13	8	10	532	537
Punjab	13	1	19	5	5	231	236
Rajasthan	17	2	38	5	5	274	284
Sikkim	-	-	-	-	-	2	2
Tamil Nadu	76	3	24	49	11	445	463
Tripura	-	-	1	1	3	20	21
Uttar Pradesh	21	3	4	9	2	955	982
West Bengal	20	-	28	8	9	391	403
<b>Union Territories:</b>							
A & N Islands	-	-	1	-	-	3	3
Chandigarh	4	-	1	2	1	19	20
D & N Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	1	1
Delhi	8	-	-	2	4	82	93
Lal.shadweep	-	-	-	-	-	-	-
Pondicherry	2	1	1	1	1	18	19

(2) Includes Music/Fine Arts &amp; Physical Education Colleges

Table 33.2-NUMBER OF RECOGNISED EDUCATIONAL INSTITUTIONS-Concl'd.

Year/States/ Union Territories	Board of Education	Schools for general education				Schools for vocational profess- ional(2)	Schools for special educa- tion(3)	Schools for other education (4)	Grand total for all the instituti- ons(general and tech.)
		Pre- Primary/ Pre- Basic	Primary/ Jr.Basic	Middle/ Sr.Basic	High/ Higher Secondary School(1)				
1	16	17	18	19	20	21	22	23	24
<b>All India</b>									
1990-91	42	15877	560935	151456	79803	1277	398	232695	1042483
1991-92	44	14808	566744	155926	82576	1135	412	194668	1016313
1992-93	35	17150	571248	158498	84608	1253	487	249106	1082385
<b>1992-93 States:</b>									
Andhra Pradesh	2	29	48606	6172	7615	-	46	105630	108100
Arunachal Pradesh	-	249	1150	274	139	3	-	864	2679
Assam	2	482	29562	6729	3643	61	9	10786	51274
Bihar	2	1	53063	13416	4096	17	11	633	71239
Goa	1	-	1033	109	387	10	-	928	2468
Gujarat	2	2375	14076	18151	5480	164	87	2380	42715
Haryana	1	27	5458	1401	2584	-	7	-	9478
Himachal Pradesh	1	14	7608	1089	1207	16	5	-	9940
Jammu & Kashmir	1	-	9784	2668	1275	-	2	-	13730
Karnataka	2	5220	23822	17157	5853	-	27	270	52351
Kerala	1	157	6719	2928	2760	195	29	-	12789
Madhya Pradesh	1	1095	71322	16246	4993	40	12	10247	103956
Maharashtra	1	2507	39984	19315	11280	48	35	4629	77799
Manipur	2	1	3029	652	497	19	2	56	4258
Meghalaya	1	-	3999	828	420	8	-	800	6056
Mizoram	1	-	1066	553	279	-	-	-	1899
Nagaland	1	-	1305	357	189	4	-	1	1857
Orissa	2	-	41204	11360	5189	97	42	-	57894
Punjab	1	2	12462	1429	2777	38	9	-	16718
Rajasthan	1	30	32454	10013	4367	9	9	2103	48986
Sikkim	-	723	527	122	82	2	-	600	2056
Tamil Nadu	2	22	30098	5608	5368	178	94	72695	114065
Tripura	1	3406	2113	431	480	1	4	2472	8908
Uttar Pradesh	1	37	79221	17730	6115	132	17	1289	104542
West Bengal	2	-	48735	2979	6007	205	19	29162	87109
<b>Union Territories:</b>									
A & N Islands	-	23	188	46	70	-	-	33	360
Chandigarh	-	-	56	32	81	-	1	-	170
D & N Haveli	-	-	126	42	12	-	-	150	330
Daman & Diu	-	-	46	20	20	2	-	-	88
Delhi	3	569	2072	519	1212	3	18	3314	7710
Lakshadweep	-	9	19	4	11	-	-	64	107
Pondicherry	-	172	341	118	120	1	2	-	754

Sources: 1. Department of Education, Ministry of Human Resource Development  
2. University Grant Commission

- (1) Includes Higher Secondary Schools (10+2 pattern), Intermediate/ Pre-Degree/ Junior Colleges (Old pattern) and Post Basic
- (2) Vocational and profession education include institutions imparting instructions in Diploma/ Certificate Courses at school level in Agriculture/ Forestry, Medicine(Nursing & Midwifery), Teachers' Training, Industrial(Arts & Craft), Music and Fine Arts.
- (3) Special education include institutions imparting instructions in Diploma/ Certificate Courses at school level for handicapped and reformatory/certified.
- (4) Others include Oriental Studies, Social Adult Education and other institutions imparting instructions in Diploma/Certificate courses at school level.



Table 33.3 - ENROLMENT ACORDING TO FACULTY AND STAGE

Year/States/ Union Territories	General education courses									
	B.A., B.Sc. and B.Com		M.A., M.Sc. and M.Com.		Research		Diploma/Certi- ficate		Total	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1990-91	3566107	1211722	395994	142421	42175	16486	35265	9177	4039541	1379806
1991-92	3813042	1312684	423416	154288	45090	17864	37705	9941	4319253	1494777
1992-93	4012104	1410159	443071	165745	46801	19190	39208	10679	4541184	1605773
1993-94	4191182	1503758	476681	176746	52486	20464	43382	11389	4763731	1712357
<b>1993-94</b>										
<b>States:</b>										
Andhra Pradesh	..	..	..	..	..	..	..	..	232030	111764
Arunachal Pradesh	..	..	..	..	..	..	..	..	3135	699
Assam	..	..	..	..	..	..	..	..	118581	43098
Bihar	..	..	..	..	..	..	..	..	425378	69267
Goa	..	..	..	..	..	..	..	..	14193	6746
Gujarat	..	..	..	..	..	..	..	..	314047	134916
Haryana	..	..	..	..	..	..	..	..	123265	45890
Himachal Pradesh	..	..	..	..	..	..	..	..	32309	9237
Jammu & Kashmir	..	..	..	..	..	..	..	..	31287	15215
Karnataka	..	..	..	..	..	..	..	..	319520	117074
Kerala	..	..	..	..	..	..	..	..	145518	94388
Madhya Pradesh	..	..	..	..	..	..	..	..	302125	96598
Maharashtra	..	..	..	..	..	..	..	..	720263	287880
Manipur	..	..	..	..	..	..	..	..	25431	10849
Meghalaya	..	..	..	..	..	..	..	..	16988	6335
Mizoram	..	..	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..	..	..	..
Orissa	..	..	..	..	..	..	..	..	152945	55476
Punjab	..	..	..	..	..	..	..	..	155043	80882
Rajasthan	..	..	..	..	..	..	..	..	148314	41450
Sikkim	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	..	..	..	..	..	..	..	..	289000	121971
Tripura	..	..	..	..	..	..	..	..	..	..
Uttar Pradesh	..	..	..	..	..	..	..	..	661490	189262
West Bengal	..	..	..	..	..	..	..	..	301064	114558
<b>Union Territories:</b>										
A & N Islands	..	..	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..	..	..
D & N Haveli	..	..	..	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..	..	..	..
Delhi	..	..	..	..	..	..	..	..	119674	47101
Lakshadweep	..	..	..	..	..	..	..	..	..	..
Pondicherry	..	..	..	..	..	..	..	..	7933	3701

Table 33.3 - ENROLMENT ACORDING TO FACULTY AND STAGE - Contd.

Year/States/ Union Territories	Professional education courses - Contd.							
	Education		Engineering/ Technical		Medicine		Agriculture	
	Total	Women	Total	Women	Total	Women	Total	Women
1	12	13	14	15	16	17	18	19
<b>All India</b>								
1990-91	117231	58068	244007	18418	165812	54300	54561	3822
1991-92	125345	62904	260905	19950	177288	58821	58339	4139
1992-93	131783	67575	273919	21431	186602	63189	60739	4446
1993-94	138580	72058	291271	22857	195001	67384	66856	4740
<b>1993-94</b>								
<b>States:</b>								
Andhra Pradesh	5362	2579	25824	1336	15853	6025	2677	955
Arunachal Pradesh	69	7	-	-	-	-	-	-
Assam	2648	1015	7421	613	3992	1499	933	50
Bihar	4073	1810	11452	183	13875	2095	2110	74
Goa	366	177	769	62	958	361	-	-
Gujarat	9409	4235	18718	1502	12865	4262	3081	38
Haryana	6177	3003	3321	80	4131	1381	2186	73
Himachal Pradesh	235	128	-	-	1153	282	1019	61
Jammu & Kashmir	2175	1084	2713	126	1796	642	300	21
Karnataka	11333	4894	76600	5008	21981	7059	6752	765
Kerala	4950	3768	10660	2579	7514	4156	1534	666
Madhya Pradesh	7108	3937	14902	866	7795	1986	2942	34
Maharashtra	18674	9018	43432	3244	37545	15242	7529	182
Manipur	687	169	-	-	935	244	321	60
Meghalaya	1930	809	-	-	-	-	163	22
Mizoram	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..	..
Orissa	11381	6650	3799	173	7551	3751	1072	65
Punjab	5379	4571	5953	617	6227	2157	3050	143
Rajasthan	6679	2252	6375	244	5267	1558	2665	32
Sikkim	..	..	..	..	..	..	..	..
Tamil Nadu	4905	3242	30634	4704	16461	7240	4128	1108
Tripura	..	..	..	..	..	..	..	..
Uttar Pradesh	24619	13274	16718	692	16349	3108	22281	193
West Bengal	9579	4794	8409	406	7344	1640	1557	72
<b>Union Territories:</b>								
A & N Islands	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..
D & N Haveli	..	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..	..
Delhi	736	568	3048	322	4995	2485	556	126
Lakshadweep	..	..	..	..	..	..	..	..
Pondicherry	106	74	523	100	414	211	-	-

Table 33.3 - ENROLMENT ACORDING TO FACULTY AND STAGE - Concl'd.

Year/States/ Union Territories	Professional education courses - Concl'd.							
	Veterinary Science		Law		Others		Total	
	Total	Women	Total	Women	Total	Women	Total	Women
	20	21	22	23	24	25	26	27
<b>All India</b>								
1990-91	11898	934	257314	27874	34504	13036	885327	176452
1991-92	12724	1013	275138	30199	36894	14123	946633	191149
1992-93	13172	1088	289011	32441	38556	15172	993782	205342
1993-94	14887	1159	305343	34595	41578	16177	1053516	218970
<b>1993-94</b>								
<b>States:</b>								
Andhra Pradesh	905	143	8592	1011	3325	1476	62538	13525
Arunachal Pradesh	-	-	-	-	-	-	69	7
Assam	681	97	9652	1300	205	96	25532	4670
Bihar	936	76	27673	1247	691	94	60810	5579
Goa	-	-	603	198	127	52	2823	850
Gujarat	778	15	29260	6107	1837	679	75948	16838
Haryana	809	33	709	54	514	198	17847	4822
Himachal Pradesh	-	-	577	92	309	195	3293	758
Jammu & Kashmir	29	1	856	97	384	133	8253	2104
Karnataka	2149	96	30991	3051	4004	1322	153810	22195
Kerala	781	212	3005	549	606	224	29050	12154
Madhya Pradesh	525	96	26093	2474	2992	1302	62357	10695
Maharashtra	1639	71	47296	9660	10909	2606	167024	40023
Manipur	20	18	2257	541	59	27	4279	1059
Meghalaya	-	-	1445	87	-	-	3538	918
Mizoram	..	..	..	..	..	..	..	..
Nagaland	..	..	..	..	..	..	..	..
Orissa	362	24	16534	914	409	116	41108	11693
Punjab	1118	29	3976	782	1781	1079	27484	9378
Rajasthan	586	49	7812	800	1250	806	30634	5741
Sikkim	..	..	..	..	..	..	..	..
Tamil Nadu	1633	144	5903	1156	2611	1130	66275	18724
Tripura	..	..	..	..	..	..	..	..
Uttar Pradesh	1306	39	67139	2905	4384	1529	152796	21740
West Bengal	630	16	11434	1122	4150	2501	43103	10551
<b>Union Territories:</b>								
A & N Islands	..	..	..	..	..	..	..	..
Chandigarh	..	..	..	..	..	..	..	..
D & N Haveli	..	..	..	..	..	..	..	..
Daman & Diu	..	..	..	..	..	..	..	..
Delhi	-	-	3379	418	886	558	13600	4477
Lakshadweep	..	..	..	..	..	..	..	..
Pondicherry	-	-	157	30	145	54	1345	469

Source: University Grants Commission

**Table 33.4-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS  
(By Stage of Instruction)**

Year/States/ Union Territories	Schools for General Education							
	Nursery (Pre- Primary/Pre-Basic)		Primary (I to V)		Middle (VI to VIII)		High/Higher Secondary (IX-XII) (1)	
	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9
1990-91	1635475	745761	97375300	40420356	34025987	12538881	19057399	6277196
1991-92	1712178	803411	100939202	42299716	35647631	13601007	20338186	6866376
1992-93	1982430	893671	99617833	41744759	34088977	12868924	20476312	6901650
<b>1992-93</b>								
<b>States:</b>								
Andhra Pradesh	63937	27340	6976923	3162155	1976386	779318	1522820	520139
Arunachal Pradesh	15934	7081	124093	52217	30169	11968	18785	6356
Assam	24520	11390	3246467	1419936	1060583	428845	569967	226994
Bihar	31965	11346	9133325	3167147	2228303	638149	980185	219893
Goa	-	-	134289	64126	78941	36393	62648	29262
Gujarat	155959	65642	6027148	2589673	1793452	696407	1343629	526381
Haryana	10218	4382	1876454	857705	768940	300470	516133	175596
Himachal Pradesh	10549	4527	680906	324960	356146	158440	216670	84878
Jammu & Kashmir	20986	8648	782818	304503	338433	128009	211173	74674
Karnataka	339420	157620	6102516	2843895	1943725	836811	1217495	464106
Kerala	9131	4517	3028277	1474009	1921224	937029	1024845	525603
Madhya Pradesh	154320	56390	8446139	3521660	2593109	852757	1421548	384075
Maharashtra	360213	168248	10704779	4965245	4072620	1730850	2386186	901856
Manipur	92974	43564	245362	115464	100743	46538	59370	27343
Meghalaya	139035	67285	267628	133306	70188	32897	27243	12698
Mizoram	-	-	114261	54422	37847	17967	21191	10450
Nagaland	68626	32573	155286	73238	60772	29584	20785	9276
Orissa	-	-	3979417	1625225	1181723	440109	575242	183129
Punjab	16868	7337	2053095	947631	887737	389451	622894	259679
Rajasthan	116040	51666	5164684	1745746	1512316	369137	939310	203199
Sikkim	16618	7605	74497	34917	18515	8802	9687	4233
Tamil Nadu	4608	2435	7935845	3667979	3409264	1480432	1799890	724823
Tripura	164101	81648	412353	187320	118723	52407	73034	29620
Uttar Pradesh	60407	23767	12679735	4306614	4468705	1187140	3057832	665726
West Bengal	-	-	8061045	3528203	2405142	995207	1227261	385132
<b>Union Territories:</b>								
A & N Islands	3582	1702	43763	20927	18384	8449	12229	5524
Chandigarh	11407	5609	53962	25284	29245	13621	26867	13476
D & N Haveli	164	66	16987	6691	4684	1755	3145	1155
Daman & Diu	532	202	12763	6002	6743	3056	4775	2009
Delhi	76847	35430	968719	464411	533831	227646	466097	207353
Lakshadweep	990	490	8753	4034	3343	1453	1924	795
Pondicherry	12479	5161	105544	50112	59041	27827	35452	16217

(1) Includes Higher Secondary Schools (10+2 pattern), Intermediate/ Pre-Degree/ Junior Colleges (Old pattern) and Post Basic Schools.



**Table 33.4-NUMBER OF SCHOLARS BY COURSES AND STAGES IN RECOGNISED INSTITUTIONS-Concl'd.**

Year/States/ Union Territories	Schools for Vocational & Professional Education (2)		Schools for Special Education (3)		Schools for other Education (4)		Total in all recognised Institutions (General and Technical)	
	Total	Women	Total	Women	Total	Women	Total	Women
1	10	11	12	13	14	15	16	17
1990-91	131395	45226	35769	9803	7320572	3584460	159581897	63621683
1991-92	123818	44215	38027	10721	6108482	2852182	164907524	66477628
1992-93	133413	45500	43272	10893	4325168	2033899	160667405	64499294
<b>1992-93</b>								
<b>States:</b>								
Andhra Pradesh	-	-	5442	1339	1059318	604054	11604826	5094345
Arunachal Pradesh	203	46	-	-	19431	9050	208615	86718
Assam	5715	2562	696	171	452280	209615	5360228	2299513
Bihar	1999	838	444	75	97709	22731	12473930	4060179
Goa	2559	1030	-	-	16099	12312	294536	143123
Gujarat	10806	2175	5993	1749	94053	49228	9431040	3931255
Haryana	-	-	513	99	-	-	3172258	1338252
Himachal Pradesh	1155	602	125	35	-	-	1265551	573442
Jammu & Kashmir	-	-	114	9	-	-	1353524	515843
Karnataka	-	-	2502	340	32777	10918	9638435	4313690
Kerala	28267	6691	3004	1035	-	-	6014748	2948884
Madhya Pradesh	4057	1703	1103	281	469054	143889	13089330	4960755
Maharashtra	6695	1894	2989	581	137806	79781	17671288	7848455
Manipur	640	487	138	58	1277	575	500504	234029
Meghalaya	709	339	-	-	16297	6870	521100	253395
Mizoram	-	-	-	-	-	-	173299	82839
Nagaland	40	6	-	-	56	22	305565	144699
Orissa	12270	3251	5381	507	-	-	5754033	2252221
Punjab	2307	2039	429	85	-	-	3583330	1606222
Rajasthan	1787	1129	903	234	95626	41102	7830666	2412213
Sikkim	177	24	-	-	7662	2298	127156	57879
Tamil Nadu	26506	6340	8215	2627	735008	470293	13919336	6354929
Tripura	-	-	161	69	50530	26622	818902	377686
Uttar Pradesh	8069	2710	1348	291	132503	18431	20408599	6204679
West Bengal	18586	11163	1507	543	789513	231756	12503054	5152004
<b>Union Territories:</b>								
A & N Islands	-	-	-	-	6200	3527	84158	40129
Chandigarh	-	-	60	-	-	-	121541	57990
D & N Haveli	-	-	-	-	4500	1752	29480	11419
Daman & Diu	176	12	-	-	-	-	24989	11281
Delhi	376	145	1884	659	106412	88107	2154166	1023751
Lakshadweep	-	-	-	-	1057	966	16067	7738
Pondicherry	314	314	321	106	-	-	213151	99737

Source: Department of Education, Ministry of Human Resource Development

- (2) Vocational and profession education include institutions imparting instructions in Diploma/ Certificate Courses at school level in Agriculture/ Forestry, Medicine(Nursing & Midwifery), Teachers' Training, Industrial(Arts & Craft), Music and Fine Arts.
- (3) Special education include institutions imparting instructions in Diploma/ Certificate Courses at school level for handicapped and reformatory/certified.
- (4) Others include Oriental Studies, Social Adult Education and other institutions imparting instructions in Diploma/Certificate courses at school level.

Table 33.5-NUMBER OF INSTITUTIONS AND SCHOLARS IN RURAL AREAS

Year	Universities and colleges				Secondary and middle schools (1)				Primary and Pre-primary schools(2)	
	Number of Institutions		Number of Scholars ('000)		Number of Institutions		Number of Scholars ('000)		Number of Institutions	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9	10	11
1990-91	..	..	..	..	167694	..	48869	17231	490168	..
1991-92	..	..	..	..	172783	..	50863	18057	493704	..
1992-93	..	..	..	..	175061	..	51024	18045	499530	..

Year	Primary and Pre-primary Schools (2)		Professional and Special schools(3)		Total					
	Number of Scholars ('000)		Number of Institutions		Number of Scholars ('000)		Number of Institutions		Number of Scholars ('000)	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	12	13	14	15	16	17	18	19	20	21
1990-91	55559	22200	189557	..	6131	2968	..	..	..	..
1991-92	49353	19380	180430	..	4562	2123	846917	..	104779	39562
1992-93	54969	22167	234379	..	3573	1652	908741	..	109498	41845

Source: Department of Education, Ministry of Human Resource Development

(1) Includes Higher Secondary Schools (10+2 pattern), Intermediate/ Pre-Degree/ Junior Colleges (Old pattern) and Post Basic Schools.

\$ Includes Intermediate colleges and their enrolments.

(2) Includes Pre-Basic and Basic Schools also.

(3) Professional and Special education include institutions imparting instructions in Diploma/ Certificate Courses at school level in Agriculture/ Forestry, Medicine(Nursing &amp; Midwifery), Teachers' Training, Industrial(Arts &amp; Craft), Music and Fine Arts, for Handicapped, Certified &amp; Reformatory, Oriental Studies, Social Adult Education and other institutions imparting such courses in Diploma and Certificate.

Note: Totals may not tally due to rounding off of figures

**Table 33.6-EXPENDITURE ON RECOGNISED EDUCATIONAL INSTITUTIONS  
(By Sources)**

(Rs.lakhs)

Year	From Government funds	From local bodies funds	From fees	From endow- ments and other sources	Total
1	2	3	4	5	6
1990-91	985212	71138	38687	34474	1129636
1991-92	936989	78626	40452	40591	1096658

Source: Department of Education, Ministry of Human Resource Development



**Table 33.6-EXPENDITURE ON RECOGNISED EDUCATIONAL INSTITUTIONS-Concl'd.**  
(By Type of Education)

(Rs. Lakhs)

Year/ States UTs.	Direct expenditure						Indirect Expendi- ture	Total Expendi- ture
	High Schools (including higher	Middle schools (Basic & non-basic)	Primary Schools (Basic & non-basic)	Pre- Primary Schools	Schools for Vocational, Technical education	Total direct expendi- ture (1)		
1	7	8	9	10	11	12	13	14
<b>All India</b>								
1990-91	397055	217060	286535	1892	16555	950566	28376	978942
1991-92	425710	249252	309491	2292	19091	1041314	28209	1069523
<b>1991-92</b>								
<b>States:</b>								
Andhra Pradesh	29476	13768	29035	10	900	74698	533	75231
Arunachal Pradesh	1240	1012	1321	95	57	4005	1161	5166
Assam	6030	4701	9922	83	172	22463	1236	23700
Bihar	19540	28119	27859	-	1715	82363	729	83092
Goa	3099	151	1394	-	85	5942	114	6056
Gujarat	31460	34757	9142	399	2161	78559	2757	81316
Haryana	18300	3201	5204	10	49	26765	221	26987
Himachal Pradesh	8350	2629	6781	11	70	19150	258	19408
Jammu & Kashmir	2667	2353	1952	-	3	7065	418	7483
Karnataka	21579	33885	9509	943	3056	69977	2783	72760
Kerala	24193	8843	8842	38	922	44630	404	45034
Madhya Pradesh	10127	8332	21940	74	913	42278	570	42848
Maharashtra	81712	45587	37491	237	1739	168517	3736	172253
Manipur	2681	2283	1836	1	147	7399	553	7952
Meghalaya	850	473	912	7	116	2624	321	2944
Mizoram	800	1158	1369	-	4	3675	288	3964
Nagaland	835	1267	1860	-	244	4637	432	5069
Nissar	8661	6302	13964	-	324	29251	1096	30347
Punjab	22012	3323	16756	2	181	44888	738	45625
Rajasthan	20673	15887	13673	48	228	54510	1470	55980
Sikkim	573	346	502	80	-	1635	651	2286
Tamil Nadu	26631	10994	19621	12	2036	63287	1201	64489
Tripura	3624	1357	2968	-	13	8591	326	8917
Uttar Pradesh	41577	12191	39800	36	2754	99343	1782	101125
West Bengal	19510	3593	18087	72	918	43159	1553	44712
<b>Union Territories:</b>								
A. & N. Islands	685	-	1154	-	65	1975	501	2475
Chandigarh	1412	93	166	-	21	1721	76	1798
D. & N. Haveli	73	111	50	-	32	246	65	311
Daman and Diu	123	188	-	-	-	312	4	317
Delhi	15770	1659	5735	93	187	24698	1831	26530
Lakshadweep	87	24	70	12	3	200	50	250
Pondicherry	1360	665	576	29	5	2751	1851	3102

Source: Department of Education, Ministry of Human Resource Development

(1) Include the expenditure on Board of Intermediate/Higher Secondary Education, Directorate and Inspectorate also.

Notes: 1. Totals may not tally due to rounding off of figures.

2. Col. no 13 &amp; 14 relate to school expenditure



**Table 33.7-NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS  
(By Stages of Institutions)**

Year/States/U.Ts.	Primary/Basic Schools(1)				Middle /Sr Basic School				High/Higher Secondary Schools(2)			
	Trained		Untrained		Trained		Untrained		Trained		Untrained	
	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women	Total	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All India</b>												
1990-91	1395642	422402	243715	71726	944327	318471	128584	38009	1170748	375144	140816	37613
1991-92	1402227	420800	241474	70927	952213	326330	126821	38550	1207608	401225	149370	43900
1992-93	1396800	452371	277093	84545	947638	330963	137663	44915	1210155	393592	165195	54430
<b>1992-93</b>												
<b>States:</b>												
Andhra Pradesh	106730	33149	3371	1130	37374	13411	1188	585	94302	32288	2549	1296
Arunachal Pradesh	1085	266	1675	467	733	102	1055	277	1202	224	1196	274
Assam	44624	10456	23654	7635	10626	2256	27039	5373	14143	2678	39577	9516
Bihar	107201	20650	7177	1549	93594	19659	4816	1151	45507	6533	1756	358
Goa	2778	1723	153	141	805	475	22	17	6551	3579	842	529
Gujarat	34641	15216	1832	1149	134277	60435	5801	2720	62093	14427	578	150
Haryana	17057	7870	406	236	12309	5027	110	45	49502	20035	266	170
Himachal Pradesh	18354	7258	5886	2403	5882	1301	176	88	15460	4686	251	120
Jammu & Kashmir	11801	4574	6686	1810	12691	4333	5714	2124	16239	5117	5786	1683
Karnataka	48666	20610	1903	482	92669	38697	3582	1855	59305	14659	1446	358
Kerala	47128	31905	1956	631	47089	30592	1945	621	94173	59611	871	559
Madhya Pradesh	122530	27117	61379	18761	57277	12453	25995	8652	44382	11209	16243	4212
Maharashtra	123329	51239	9997	4914	145006	56089	7665	3057	186782	57484	7947	2492
Manipur	5148	1064	5840	2313	2014	444	5075	1817	3096	868	6670	2575
Meghalaya	3219	1269	5628	2630	778	330	2807	1060	1463	799	2758	1109
Mizoram	3234	1547	607	255	2602	473	660	168	937	169	1025	175
Nagaland	3093	797	3350	973	1060	213	2591	577	1140	342	2669	885
Orissa	93699	19679	4313	730	33215	5285	5816	1215	40561	7455	6214	2344
Punjab	47942	25809	241	199	8830	3892	235	203	50499	23261	347	262
Rajasthan	76941	18437	10636	5077	70784	16624	9412	4776	71083	16895	3495	2098
Sikkim	1363	415	1825	975	645	206	940	300	973	416	1174	513
Tamil Nadu	121336	49822	-	-	65895	31795	-	-	115615	47340	1482	1117
Tripura	5444	3232	7619	1997	1320	333	3852	862	4940	1553	7125	2137
Uttar Pradesh	256190	51929	12307	5834	91815	17539	7887	1999	121136	18948	6675	867
West Bengal	70559	31252	98099	21738	9589	4157	13075	5221	55500	15990	45490	18124
<b>Union Territories:</b>												
A. & N. Islands	772	301	50	42	730	367	19	7	2274	993	40	12
Chandigarh	726	688	28	26	555	507	2	2	3154	2525	47	41
D. & N. Haveli	181	68	16	6	387	225	15	7	191	67	9	6
Daman and Diu	288	167	10	10	113	45	-	-	329	99	10	3
Delhi	20316	12990	60	56	5180	2862	105	86	44203	22029	612	420
Lakshadweep	253	75	1	-	127	23	-	-	315	101	3	-
Pondicherry	172	797	388	376	1667	813	64	50	3105	1212	42	25

(1) Includes Pre-Primary, Pre-basic schools.

(2) Includes Higher Secondary Schools (10+2 pattern), Intermediate/ Pre-Degree/ Junior Colleges (Old pattern) and Post Basic Schools.

**Table 33.7-NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS-Concl'd.**  
(By Stages of Institutions)

Year/States/ Union Territories	Colleges and universities						Total No. of Teachers in all Institutions	
	Technical and Special Schools(3)		Colleges for General Education		Technical and Special college			
	Total	Women	Total	Women	Total	Women	Total	Women
1	14	15	16	17	18	19	20	21
<b>All India</b>								
1990-91	252374	98951	193046	-	70773	-	4540025	1362316
1991-92	214278\$	83226\$	199566	-	73098	..	4577155	1384958
1992-93	..	..	206693	-	75099	..	..	..
1993-94	..	..	213454	..	77594	..	..	..
<b>1993-94</b>								
<b>States:</b>								
Andhra Pradesh	10858	4305	17593	..	5349	..	..	..
Arunachal Pradesh	729	45	110	..	12	..	..	..
Assam	11538	4431	6078	..	1873	..	..	..
Bihar	34518	15888	22435	..	3931	..	..	..
Goa	985	640	568	..	413	..	..	..
Gujarat	3991	1553	7735	..	3951	..	..	..
Haryana	54	13	5423	..	1654	..	..	..
Himachal Pradesh	89	39	1110	..	612	..	..	..
Jammu & Kashmir	8	-	1707	..	1008	..	..	..
Karnataka	7583	137	15732	..	8895	..	..	..
Kerala	2988	804	15862	..	3689	..	..	..
Madhya Pradesh	2749	909	10390	..	4159	..	..	..
Maharashtra	27198	15857	21473	..	10560	..	..	..
Manipur	2833	1227	1172	..	235	..	..	..
Meghalaya	1748	570	1326	..	228	..	..	..
Mizoram	2452	1170	..	..	..	..	..	..
Nagaland	716	134	..	..	..	..	..	..
Orissa	-	-	7400	..	1976	..	..	..
Punjab	258	172	8357	..	3528	..	..	..
Rajasthan	3367	1318	7355	..	3153	..	..	..
Sikkim	741	509	..	..	..	..	..	..
Tamil Nadu	12908	7156	18400	..	6268	..	..	..
Tripura	2703	1394	..	..	..	..	..	..
Uttar Pradesh	47268	13229	18656	..	8920	..	..	..
West Bengal	30411	7669	17400	..	4631	..	..	..
<b>Union Territories:</b>								
A. & N. Islands	1922	1210	..	..	..	..	..	..
Chandigarh	10	8	..	..	..	..	..	..
D. & N. Haveli	50	5	..	..	..	..	..	..
Daman and Diu	67	35	..	..	..	..	..	..
Delhi	3445	2724	6455	..	2376	..	..	..
Lakshadweep	64	57	..	..	..	..	..	..
Pondicherry	27	18	717	..	173	..	..	..

Source : Department of Education, Ministry of Human Resource Development

- (3) Professional and Special education include institutions imparting instructions in Diploma/Certificate Courses at school level in Agriculture/Forestry, Medicine (Nursing & Midwifery), Teachers' Training, Industrial (Arts & Craft), Music and Fine Arts, for Handicapped, Certified & Reformatory, Oriental Studies, Social Adult Education and other institutions imparting such courses in Diploma and Certificate.

Table 33.8-LITERACY RATE IN INDIA

States/Union Territories	1991			1993			1994		
	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7	8	9	10
<b>India</b>	52	64	39	56	68	43	57	69	44
<b>States:</b>									
Andhra Pradesh	44	55	33	47	58	36	47	58	36
Arunachal Pradesh	42	51	30	34	40	28	43	50	35
Assam	53	62	43	68	76	58	71	78	62
Bihar	39	53	23	45	59	29	43	57	26
Goa	76	84	67	82	89	76	75	86	65
Gujarat	61	73	49	60	70	49	64	76	51
Haryana	56	69	41	58	71	43	61	73	47
Himachal Pradesh	64	75	52	67	78	56	68	78	58
Jammu & Kashmir	..	..	..	62	75	47	63	75	51
Karnataka	56	67	44	55	64	45	57	67	46
Kerala	90	94	86	90	92	87	92	95	89
Madhya Pradesh	44	58	29	48	61	33	49	62	35
Maharashtra	65	77	52	68	79	56	68	79	56
Manipur	60	72	48	76	86	66	75	85	65
Meghalaya	49	53	45	73	78	68	67	72	61
Mizoram	82	86	79	92	94	91	90	92	88
Nagaland	62	68	55	84	89	77	85	91	77
Orissa	49	63	35	52	65	38	51	63	39
Punjab	58	66	50	63	70	55	62	68	55
Rajasthan	39	55	20	43	61	25	44	61	26
Sikkim	57	66	47	67	73	58	69	77	58
Tamil Nadu	63	74	51	65	76	54	67	78	55
Tripura	60	71	50	75	84	66	76	84	68
Uttar Pradesh	42	56	25	47	62	30	49	63	33
West Bengal	58	68	47	60	71	50	64	73	53
<b>Union Territories:</b>									
A. & N. Islands	73	79	66	79	85	72	80	86	74
Chandigarh	78	82	72	86	91	80	82	83	80
D. & N. Haveli	41	54	27	56	70	44	51	69	33
Daman and Diu	71	83	59	78	89	68	79	90	68
Delhi	75	82	67	79	84	72	77	83	71
Lakshadweep	82	90	73	81	84	78	86	93	80
Pondicherry	75	84	66	85	91	77	78	86	70

Notes: 1. Literacy rate is defined as the population of literates in the population aged 7 year and above.  
 2. The 1991 data refers to Census of India (notified in Jammu & Kashmir) while those for the years 1993 and 1994 relate to National Sample Survey 49th Round (Jan.-June, 1993) and 50th Round (July-1993 - June 1994) respectively.

For other notes, please see next page.

Table 33.8-LITERACY RATE IN INDIA - Contd.

States/Union Territories	1995			1996			1997		
	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
1	11	12	13	14	15	16	17	18	19
<b>India</b>	58	69	46	59	70	47	62	73	50
<b>States:</b>									
Andhra Pradesh	49	60	37	51	61	41	54	64	43
Arunachal Pradesh	56	62	49	51	56	45	60	69	48
Assam	74	81	66	73	81	65	75	82	66
Bihar	44	59	28	44	58	29	49	62	34
Goa	82	89	77	84	92	77	86	93	79
Gujarat	64	77	50	66	77	52	68	80	57
Haryana	63	72	52	62	72	50	65	76	52
Himachal Pradesh	71	81	61	71	80	62	77	87	70
Jammu & Kashmir	66	77	53	58	70	45	59	71	48
Karnataka	59	67	51	57	67	47	58	66	50
Kerala	91	95	89	91	94	88	93	96	90
Madhya Pradesh	48	61	34	52	65	37	56	70	41
Maharashtra	73	83	62	72	82	61	74	84	63
Manipur	77	87	67	68	78	58	76	86	66
Meghalaya	83	90	76	80	84	76	77	79	74
Mizoram	90	92	88	85	87	82	95	96	95
Nagaland	88	93	83	83	87	79	84	91	77
Orissa	54	66	42	57	68	45	51	64	38
Punjab	62	68	54	66	73	58	67	72	62
Rajasthan	43	59	26	48	65	29	55	73	35
Sikkim	74	83	64	75	83	67	79	86	72
Tamil Nadu	65	76	54	66	76	56	70	80	60
Tripura	73	84	61	76	83	68	73	79	67
Uttar Pradesh	49	63	34	50	63	34	56	69	41
West Bengal	66	76	55	66	76	56	72	81	63
<b>Union Territories:</b>									
A. & N. Islands	78	86	68	82	88	73	97	100	94
Chandigarh	84	92	73	82	87	77	83	90	74
D. & N. Haveli	61	75	46	70	78	62	49	66	30
Daman and Diu	79	85	72	65	76	50	86	95	73
Delhi	80	86	74	83	89	77	85	91	76
Lakshadweep	96	97	95	87	99	78	96	98	93
Pondicherry	90	96	86	77	85	68	90	94	86

Notes: Data for the year 1995, 1996 and 1997 relate to National Sample Survey Organisation 51st Round (July 1994-June 1995), 52nd Round (July 1995-June 1996) and 53rd Round (July-Dec. 1997) respectively.

For other notes, please see next page.

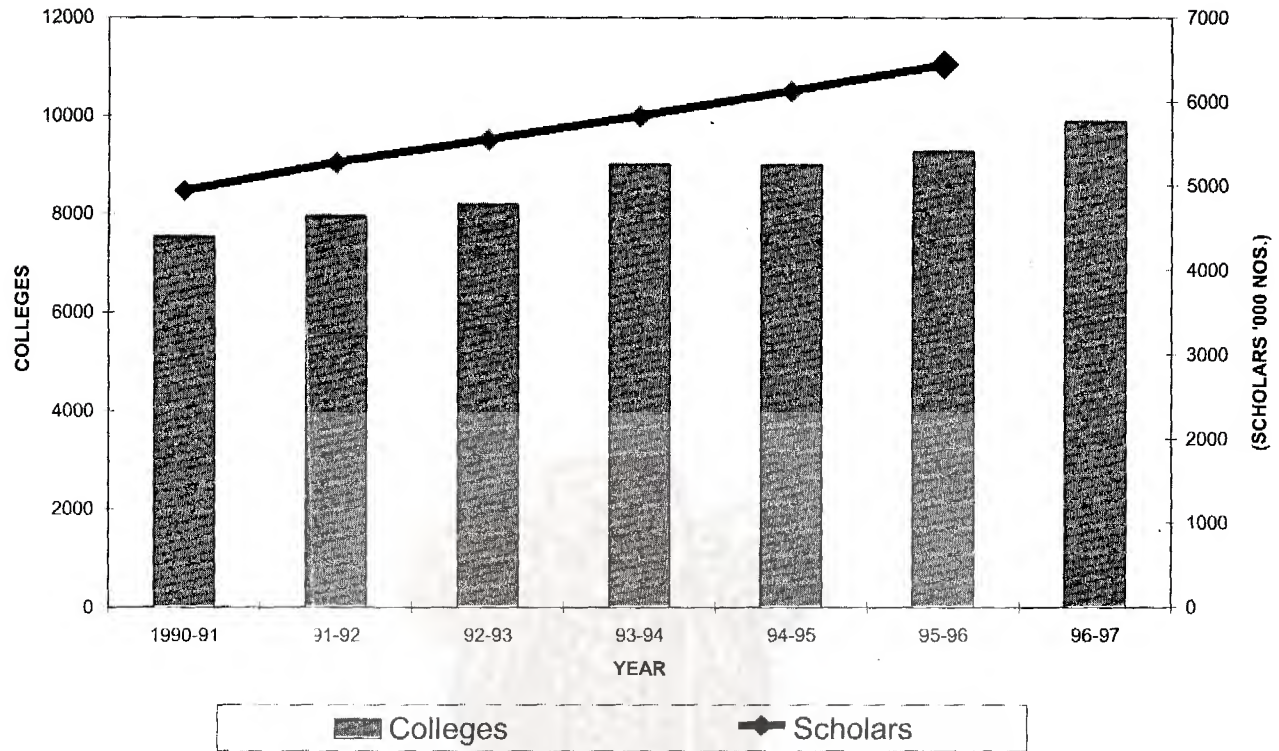


Table 33.8-LITERACY RATE IN INDIA-Concl'd.

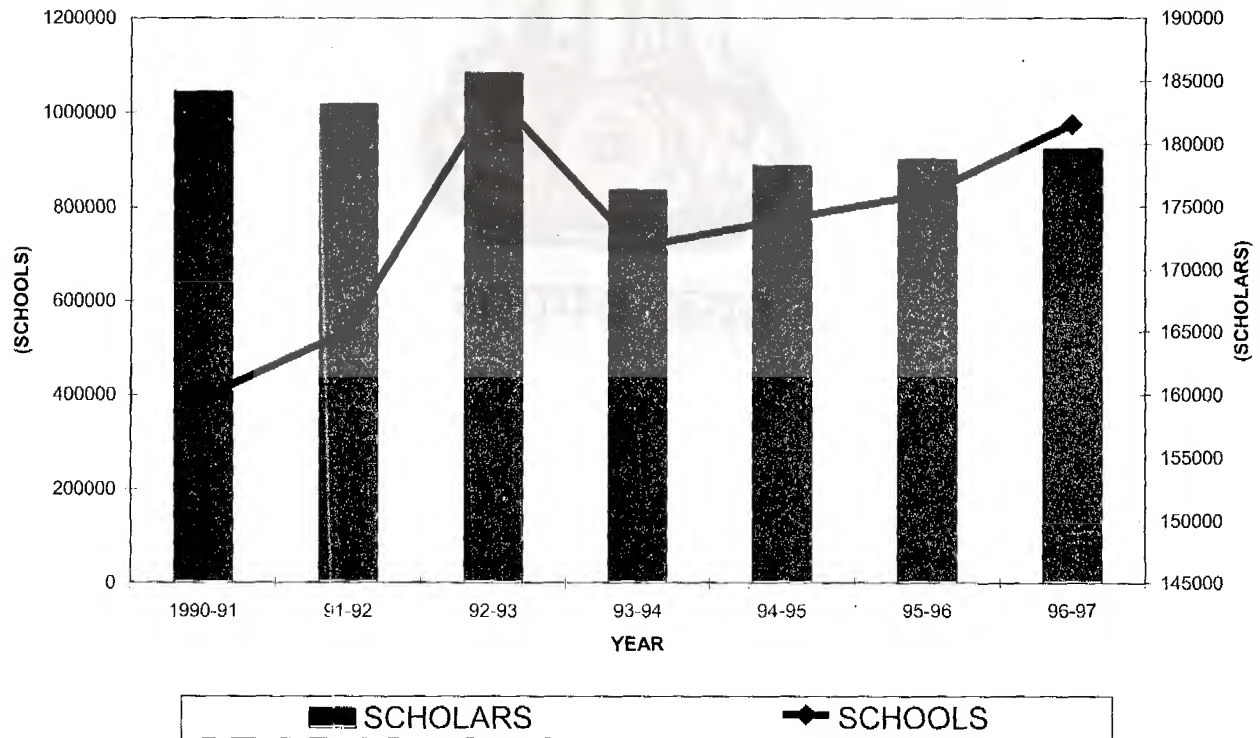
States/Union Territories	Rural			Urban		
	Male	Female	Persons	Male	Female	Persons
<b>All India</b>						
1991	58	31	45	81	64	73
1993	62	36	49	83	67	76
1994	63	36	50	85	68	77
1995	64	38	51	86	70	78
1996	65	39	52	86	71	79
1997	68	43	56	88	72	80
<b>1997</b>						
<b>States:</b>						
Andhra Pradesh	57	35	46	84	69	77
Arunachal Pradesh	67	45	58	86	73	81
Assam	81	63	73	92	85	89
Bihar	59	30	45	84	64	75
Goa	95	75	86	91	82	86
Gujarat	74	47	61	91	74	82
Haryana	71	45	59	88	69	79
Himachal Pradesh	86	69	76	95	85	90
Jammu & Kashmir	65	42	53	93	75	85
Karnataka	60	43	52	83	70	77
Kerala	96	90	93	96	90	93
Madhya Pradesh	64	32	49	87	68	78
Maharashtra	79	54	66	93	79	86
Manipur	82	62	72	95	77	86
Meghalaya	77	72	75	97	89	93
Mizoram	95	91	93	97	98	98
Nagaland	90	72	81	93	87	90
Orissa	60	33	46	87	67	78
Punjab	65	57	61	86	75	81
Rajasthan	69	27	49	90	63	77
Sikkim	84	70	77	92	80	86
Tamil Nadu	73	49	62	91	78	84
Tripura	76	64	70	96	85	91
Uttar Pradesh	66	35	51	80	62	71
West Bengal	78	58	69	90	76	83
<b>Union Territories:</b>						
A & N Islands	94	74	85	100	95	97
Chandigarh	68	42	59	94	77	86
D & N Haveli	63	25	45	100	85	93
Daman & Diu	93	72	86	99	74	87
Delhi	100	61	83	90	78	85
Lakshadweep	98	94	96	98	90	94
Pondicherry	94	84	89	93	87	90

Source : 1. Office of the Registrar General of India  
2. National Sample Survey Organisation (49th Round to 53rd Round)

## COLLEGES AND ENROLMENTS



## SCHOOLS AND ENROLMENTS









**NEWSPAPERS AND PERIODICALS**



## CHAPTER 34

# Newspapers and Periodicals

Tables 34.1 to 34.4

This section presents information in respect of newspapers and periodicals which is based on the data collected under the authority of the Press and Registration of Books Act and are available in the Annual Report of the Registrar of Newspapers for India namely "Press in India". The definitions of the terms used in the tables in this section are given below:

Newspaper .....	Newspaper means any printed (including cyclostyled) periodical work containing public news or comments on public news.
Periodical .....	A newspaper appearing at an interval of a week or more.
Other Periodical .....	Periodicals other than daily, tri-weekly, bi-weekly, weekly, fortnightly, monthly, quarterly and annual.
Periodicity .....	Time gap between two issues of newspaper (daily, weekly, fortnightly, monthly, etc.)
Daily .....	A newspaper issued at least four times a week.
Circulation .....	Average number of copies sold and distributed free per publishing day.
Other languages .....	Languages other than the printed languages included in the 8th Schedule of the Constitution of India is English.

**स्वास्थ्य बीमा का सुझाव**  
**Rs 1 cr to improve State ESIC hospitals**  
**ESIC Corporation Approves 70-Cr. Scheme For Creating Medical Infrastructure**

THE ESIC Corporation has approved a proposal of Rs 1 crore for various measures to improve the health of the workers. The corporation has also approved a proposal of Rs 70 crore for creating medical infrastructure. The corporation has also approved a proposal of Rs 1 crore for various measures to improve the health of the workers.

DELHI, THURSDAY, 17 SEP  
 6 new ESIC hospitals so

Table 34.1-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE AND PERIODICITY

Year/Languages States/U.Ts.	Dailies	Tri/bi- weeklies	Weeklies	Fortni- ghtlies	Month- lies	Quarte- rly	Annals	Other Pe- riodicals	Total
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1991	3229	257	9621	4026	9260	2453	292	1076	30214
1992	3502	271	10375	4315	9555	2525	299	1115	31957
1993	3740	275	11136	4571	9837	2589	311	1153	33612
1994	4043	294	11973	4883	10225	2651	321	1211	35601
1995	4236	316	12695	5070	10575	2764	332	1266	37254
1996	4453	317	13624	5338	10913	2845	343	1316	39149
<b>1996</b>									
<b>Languages:</b>									
Hindi	2004	122	7799	2439	2628	474	26	155	15647
English	320	25	749	557	2381	1084	138	658	5912
Assamese	12	3	64	37	56	12	1	10	195
Bengali	90	12	546	438	620	400	14	134	2254
Gujarati	86	8	379	135	406	50	10	39	1113
Kannada	268	6	321	204	481	41	3	16	1340
Kashmiri	-	-	1	-	-	-	-	-	1
Konkani	-	-	3	1	1	-	-	-	5
Malayalam	204	3	159	144	630	47	8	19	1214
Manipuri	11	-	5	5	7	3	-	3	34
Marathi	261	19	674	148	412	95	91	36	1736
Nepali	3	2	13	6	7	16	-	5	52
Oriya	57	2	110	72	240	81	4	20	586
Punjabi	100	15	315	70	216	31	1	17	765
Sanskrit	3	-	7	4	15	13	-	6	48
Sindhi	8	-	35	9	34	6	-	2	94
Tamil	327	42	378	206	629	25	5	18	1630
Telugu	107	3	219	155	382	23	2	7	898
Urdu	473	20	1198	340	472	46	3	15	2567
Bilingual	53	19	485	284	1007	292	29	122	2291
Multilingual	15	4	87	58	182	61	8	25	440
Others	51	12	77	26	107	45	-	9	327

Source: Registrar of Newspapers for India, Ministry of Information and Broadcasting

Note: Figures as at the end of December.

Table 34.2-NUMBER OF NEWSPAPERS AND PERIODICALS BY STATE AND PERIODICITY

Year/Languages States/U.Ts.	Dailies	Tri/bi- weeklies	Weeklies	Fortni- ghtlies	Month- lies	Quarter- lies	Annual	Other Pe- riodicals	Total
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1996	4453	317	13624	5338	10913	2845	343	1316	39149
<b>1996</b>									
<b>States:</b>									
Andhra Pradesh	257	7	569	291	554	70	6	35	1789
Arunachal Pradesh	2	1	2	-	1	-	-	-	6
Assam	28	7	154	57	82	23	2	17	370
Bihar	398	33	675	142	232	51	2	22	1555
Goa	13	-	14	9	26	9	1	5	77
Gujarat	92	5	385	124	365	57	3	54	1085
Haryana	81	6	290	175	177	38	-	13	780
Himachal Pradesh	6	-	42	19	38	15	-	6	126
Jammu & Kashmir	64	4	177	29	27	5	-	5	311
Karnataka	358	11	447	267	690	94	5	54	1926
Kerala	206	4	180	175	774	99	17	55	1510
Madhya Pradesh	403	8	2042	131	312	64	5	38	3003
Maharashtra	387	36	1193	351	1241	409	160	202	3979
Manipur	43	3	12	11	36	9	4	8	126
Meghalaya	4	4	32	5	15	5	1	4	70
Mizoram	36	11	31	6	11	4	-	4	103
Nagaland	2	-	9	-	1	2	-	-	14
Orissa	75	2	124	78	267	111	10	37	704
Punjab	120	13	372	122	281	34	5	33	980
Rajasthan	388	22	959	986	306	90	3	27	2781
Sikkim	-	2	8	1	1	1	-	1	14
Tamil Nadu	343	49	413	240	911	120	15	60	2151
Tripura	22	2	51	6	11	3	-	1	96
Uttar Pradesh	735	30	3793	795	1073	265	16	97	6804
West Bengal	138	10	663	550	952	584	31	220	3148
<b>Union Territories:</b>									
A. & N. Islands	4	-	16	6	5	2	-	2	35
Chandigarh	33	1	64	27	104	38	3	19	289
D. & N. Haveli	-	-	1	-	-	-	-	-	1
Daman & Diu	-	-	-	1	-	-	-	-	1
Delhi	212	45	896	729	2401	626	53	292	5254
Lakshadweep	-	-	-	1	1	1	-	-	3
Pondicherry	3	1	10	4	18	16	1	5	58

Source: Registrar of Newspapers for India, Ministry of Information and Broadcasting

Note: Figures as at the end of December.

Table 34.3-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE

Year/States/ Union Territories	Hindi	English	Assam- ese	Bengali	Gujar- ati	Kannada	Kashmiri	Malay- alam	Marathi	Oriya
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>										
1991	10633	4962	139	1958	911	1014	1	1082	1450	448
1992	11638	5139	149	1994	945	1045	1	1099	1510	478
1993	12596	5316	154	2036	974	1116	1	1129	1561	508
1994	13650	5525	170	2115	996	1222	1	1158	1639	538
1995	14517	5712	182	2163	1038	1289	1	1192	1691	568
1996	15647	5912	195	2254	1113	1340	1	1214	1736	586
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	29	286	-	1	2	2	-	3	3	1
Arunachal Pradesh	-	6	-	-	-	-	-	-	-	-
Assam	11	43	186	79	-	-	-	-	-	-
Bihar	1231	96	1	6	-	-	-	-	-	-
Goa	-	20	-	-	-	1	-	-	21	-
Gujarat	33	73	-	-	907	-	-	-	2	-
Haryana	624	59	-	-	-	-	-	-	-	-
Himachal Pradesh	78	17	-	-	-	-	-	-	-	-
Jammu & Kashmir	14	62	-	-	-	-	1	-	-	-
Karnataka	24	280	-	-	-	1299	-	7	17	-
Kerala	6	146	-	1	-	3	-	1158	-	-
Madhya Pradesh	2829	66	-	-	-	-	-	-	1	-
Maharashtra	352	1091	1	4	183	20	-	17	1681	-
Manipur	-	15	-	-	-	-	-	-	-	-
Meghalaya	-	21	-	-	-	-	-	-	-	-
Mizoram	-	2	-	-	-	-	-	-	-	-
Nagaland	-	12	-	-	-	-	-	-	-	-
Orissa	17	67	-	1	-	-	-	-	-	560
Punjab	136	98	-	-	-	-	-	-	-	-
Rajasthan	2537	58	-	-	-	-	-	-	-	-
Sikkim	-	7	-	-	-	-	-	-	-	-
Tamil Nadu	17	372	1	2	2	10	-	12	3	1
Tripura	-	10	-	75	-	-	-	-	-	-
Uttar Pradesh	5400	336	-	8	2	-	-	-	-	-
West Bengal	241	515	2	2057	7	1	-	2	-	12
<b>Union Territories:</b>										
A. & N. Islands	7	16	-	2	-	-	-	1	-	-
Chandigarh	66	126	-	-	-	-	-	-	-	-
D. & N. Haveli	-	-	-	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-	-	-	-
Delhi	1995	1994	4	17	8	4	-	11	6	9
Lakshadweep	-	-	-	-	-	-	-	3	-	-
Pondicherry	-	18	-	1	2	-	-	-	2	3



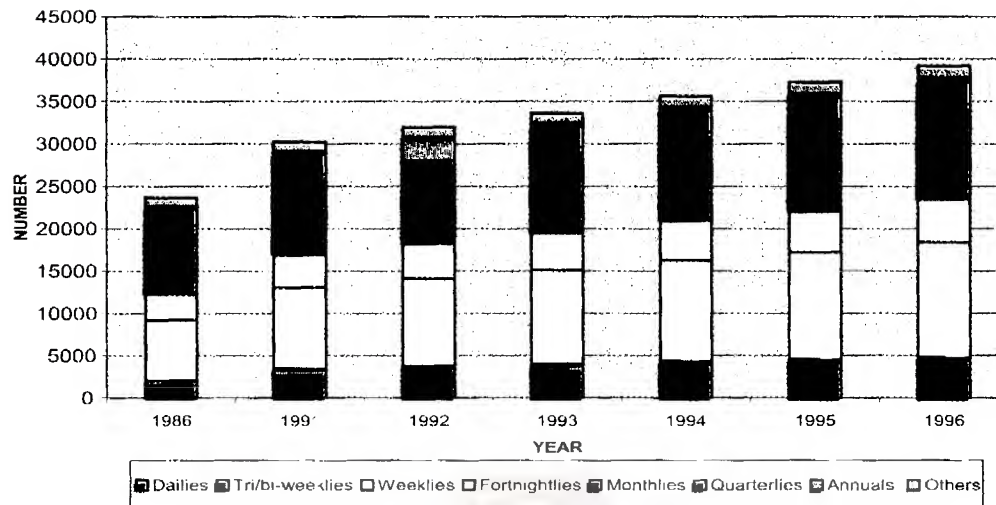
Table 34.3-NUMBER OF NEWSPAPERS AND PERIODICALS BY LANGUAGE-Concl'd.

Year/States/ Union Territories	Punjabi	Sansk- rit	Sindhi	Tamil	Telugu	Urdu	Bi- lingual	Multi- lingual	Others	Total
1	12	13	14	15	16	17	18	19	20	21
<b>All India</b>										
1991	648	38	84	1346	735	2003	1977	409	376	30214
1992	682	40	86	1411	772	2120	2051	415	382	31957
1993	700	41	88	1460	796	2224	2104	416	392	33612
1994	732	44	92	1540	832	2353	2173	424	397	35601
1995	749	48	92	1611	873	2458	2231	429	410	37254
1996	765	48	94	1630	898	2567	2291	440	418	39149
<b>1996</b>										
<b>States:</b>										
Andhra Pradesh	-	-	2	1	826	473	139	19	2	1789
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	6
Assam	-	-	-	-	-	-	21	5	25	370
Bihar	-	2	-	-	-	164	21	11	23	1555
Goa	-	-	-	-	1	-	12	6	16	77
Gujarat	-	-	16	-	-	2	31	21	-	1085
Haryana	11	-	-	-	-	17	60	9	-	780
Himachal Pradesh	2	1	-	-	-	6	20	-	2	126
Jammu & Kashmir	2	-	-	-	-	212	16	1	3	311
Karnataka	-	2	1	27	3	124	116	15	11	1926
Kerala	-	2	-	13	-	-	156	23	2	1510
Madhya Pradesh	-	2	7	-	-	23	69	4	2	3003
Maharashtra	8	6	42	17	8	191	257	94	7	3979
Manipur	-	-	-	-	-	-	33	11	67	126
Meghalaya	-	-	-	-	-	-	12	1	36	70
Mizoram	-	-	-	-	-	-	8	5	88	103
Nagaland	-	-	-	-	-	-	1	-	1	14
Orissa	-	2	-	-	-	2	43	11	1	704
Punjab	538	1	-	-	-	105	69	33	-	980
Rajasthan	2	2	16	-	-	21	115	18	12	2781
Sikkim	-	-	-	-	-	-	1	-	6	14
Tamil Nadu	2	2	-	1537	48	15	108	18	1	2151
Tripura	-	-	-	-	-	-	7	2	2	96
Uttar Pradesh	6	16	6	-	1	729	266	17	17	6804
West Bengal	7	5	-	2	1	64	133	38	61	3148
<b>Union Territories:</b>										
A. & N. Islands	-	-	-	7	1	-	1	-	-	35
Chandigarh	53	1	-	-	-	2	28	13	-	289
D. & N. Haveli	-	-	-	-	-	-	1	-	-	1
Daman & Diu	-	-	-	-	-	-	1	-	-	1
Delhi	134	3	4	8	8	417	540	62	30	5254
Lakshadweep	-	-	-	-	-	-	-	-	-	3
Pondicherry	-	1	-	18	1	-	6	3	3	58

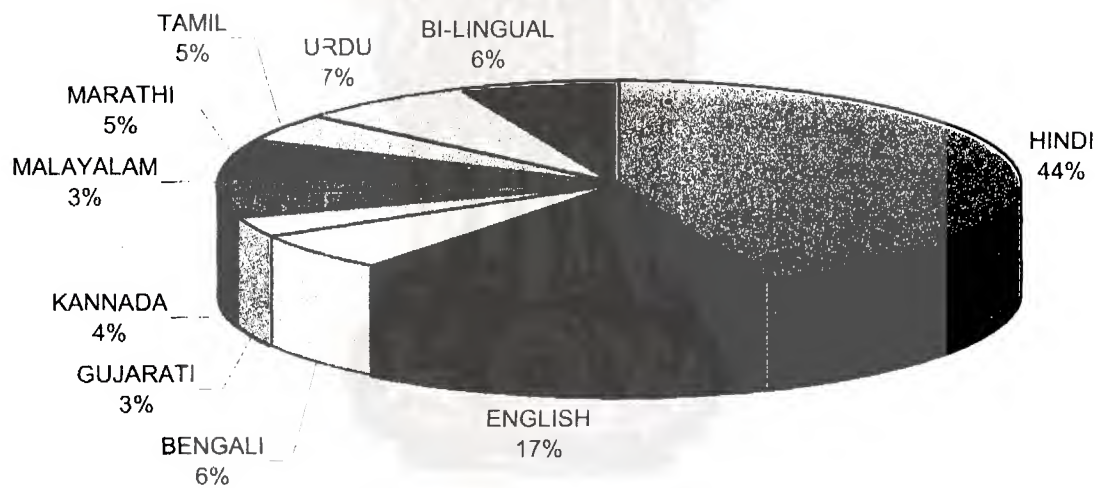
Source: Registrar of Newspapers for India, Ministry of Information and Broadcasting

Note: Figures as at the end of December.

### NEWSPAPERS AND PERIODICALS BY PERIODICITY



### NEWSPAPERS AND PERIODICALS BY LANGUAGES (1996)



### CIRCULATION OF NEWSPAPERS (1996)

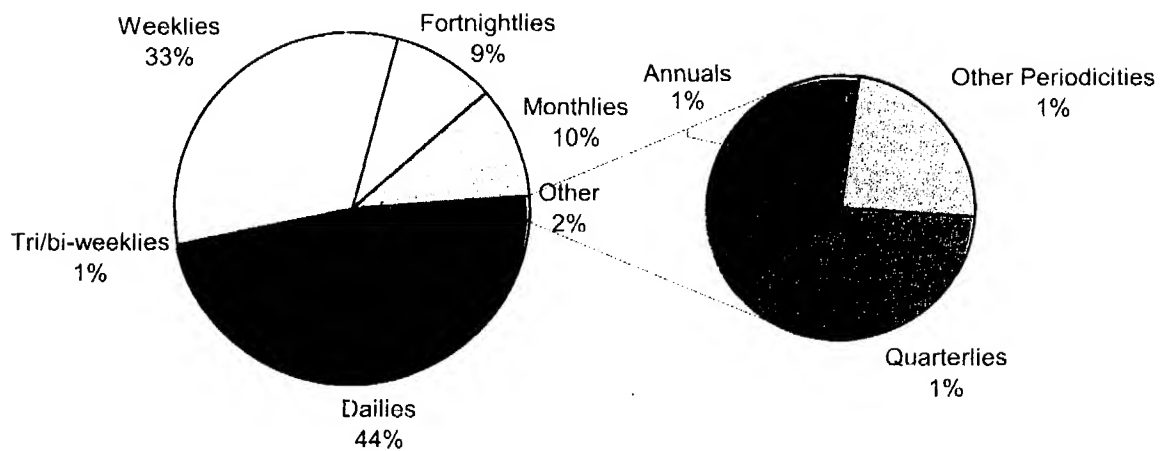


Table 34.4-CIRCULATION OF NEWSPAPERS

('000 copy)

Year/Languages	Dailies	Tri/bi-weeklies	Weeklies	Fortn-lies	Month-lies	Quarter-lies	Annals Period-icities	Other	Total
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1991	24290	206	15767	4299	8485	347	307	184	53885
1992	28092	294	19184	5765	9395	466	289	182	63667
1993	29258	230	21380	5807	9860	477	468	131	67611
1994	31559	175	22595	6559	10557	440	324	93	72302
1995	35451	640	24770	7246	9598	817	541	220	79283
1996	40225	530	29110	8277	9315	751	755	471	89434
<b>1996</b>									
<b>Languages:</b>									
Hindi	16059	168	14990	2929	2474	496	95	20	37231
English	4965	172	2693	1574	1857	109	301	64	11735
Assamese	340	4	261	41	13	2	-	-	661
Bengali	1537	36	1050	536	618	47	35	38	3897
Gujarati	2582	35	716	145	459	40	50	33	4060
Kannada	909	-	604	80	352	2	19	-	1966
Kashmiri	-	-	-	-	-	-	-	-	0
Konkani	1	-	7	-	12	-	-	-	20
Malayalam	2692	-	2693	1630	752	3	142	-	7912
Manipuri	-	-	-	-	-	-	-	-	-
Marathi	2476	65	390	19	140	12	88	261	3451
Nepali	-	10	6	2	3	-	-	-	21
Oriya	1220	12	423	60	374	-	-	9	2098
Punjabi	1037	-	520	44	504	3	-	-	2108
Sanskrit	-	-	3	2	-	-	-	-	5
Sindhi	72	-	42	26	2	-	-	-	142
Tamil	1676	-	1737	552	617	1	25	-	4608
Telugu	1518	-	580	118	373	1	-	-	2590
Urdu	3001	10	2008	464	306	9	-	19	5817
Bilingual	140	18	315	39	189	25	-	15	741
Multilingual	-	-	36	14	233	-	-	-	283
Others	-	-	36	2	37	1	-	12	88

Source: Registrar of Newspapers for India, Ministry of Information and Broadcasting





# PUBLIC HEALTH STATISTICS



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## CHAPTER 35

# Public Health Statistics

**A**vailable information concerning public health statistics in India, is shown in the tables under this section. Data in greater detail are published by Ministry of Health and Family Welfare, Government of India and the various State authorities in the form of periodical reports. The information relates to all the Indian Union, unless otherwise specified. The figures for the latest available year are shown in greater detail. Corresponding figures for the earlier years are shown in totals only.

### Table 35.1

This table shows the number of hospitals and dispensaries and the number of beds available.

### Table 35.2

This table gives the number of medical practitioners in 'Allopathy', registered with the 'Medical Councils' in the States. Information relating to States, where there are no 'Medical Councils', have not been included.

### Table 35.3

This table gives the number of nursing personnel registered with 'Nursing Councils' or 'Boards' according to different categories.

### Table 35.4

Data concerning number of mental hospitals, beds,



patients admitted and discharged, etc. are shown in this table. For the column on patients discharged, only total number is given and the break-up by cured and otherwise is not shown.

**Table 35.5**

The figures of Family Welfare Statistics, given in the table are based on the information received from the various States/Union Territories and as compiled by the Department of Family Welfare. While working out the rates per thousand population, the population has been estimated in the light of 1961 and 1971 Census for the

year 1965-66 and 1970-71. From 1975-76 onwards, estimates of population were arrived at by taking into account 1971, 1981 and 1991 census figures.

The Number of conventional contraceptive users is arrived at by dividing the off-take of Condoms, Diaphragms, Jelly/Cream Tubes and Foam Tablets by 72, 2, 7 (3 in case of Deflin Cream Tube of increased capacity and efficacy i.e 100 gms. with a dosage of 2.5 ml. from the year 1987-88) and 72 respectively required on an average by a couple in a year to give complete protection.



**Table 35.1-NUMBER OF HOSPITALS, DISPENSARIES AND BEDS**  
(as on 31st December)

Year/States/U. Ts.	Number of Hospitals	Number of Dispensaries	Number of beds (All types)('000)
1	2	3	4
1991	11174	27431	811
1992	13692	27403	835
1993	14867	28279	860
1994	15033	28200	864
1995	15097	28225	870
<b>1995</b>			
<b>States:</b>			
Andhra Pradesh (1993-H)(1992-D)	2950	303	56
Arunachal Pradesh (1991-H)	262	11	2
Assam (1990-H)	268	325	16
Bihar (1991-H)	238	427	45
Goa (1992-H) (1993-D)	114	629	4
Gujarat (1994-H)	2528	7255	79
Haryana	79	217	11
Himachal Pradesh	57	182*	9
Jammu & Kashmir (1988-H)	67	610	9
Karnataka (1993-D)	293	830	55
Kerala (1993)	2040	1951	87
Madhya Pradesh (1991)	363	256	29
Maharashtra (1992)	3115	8143	127
Manipur	32	42	2
Meghalaya (1992-H)(1994-D)	9	21	3
Mizoram	17	18	2
Nagaland (1991)	31	16	2
Orissa	430	1144	17
Punjab	220	1462	25
Rajasthan	218	278	37
Sikkim	5	144	1
Tamil Nadu (1989)	408	512	61
Tripura	26	474	2
Uttar Pradesh (1985)	735	1750	74
West Bengal	399	551	68
<b>Union Territories:</b>			
A. & N. Islands	11	130	1
Chandigarh (1993-D)	1	39	1
Dadra & Nagar Haveli	3	3	-
Daman & Diu (1991)	3	28	21
Delhi (1994)	73	445	23
Lakshadweep (1992-D)	2	3	-
Pondicherry (1991)	10	26	3

Source: Directorate General of Health Services, Ministry of Health and Family Welfare.

- Notes : 1. The information is based on reported Hospitals/States only.  
 2. Beds (all Types) means beds in hospitals, dispensaries, PHC clinics, sanatoriums etc.  
 3. (\*)12 Dispensaries upgraded to PHCs during (1993-94), Hence Dispensaries reduced from 194 in 1992 to 182 in 1995.  
 4. (\*\*)1992 figures for Delhi for Hospitals and Dispensaries apart from allopathic also homeo pathic, Unani and Ayurvedic Institutions; 1995 figures relate to allopathic Establishments only and hence reduction in numbers.  
 5. Number of beds (all types) for Dadra and Nagar Haveli and Lakshadweep are 154 and 110 numbers respectively. Pradesh, Haryana, Lakshadweep relates to the year 1991, Pondicherry to 1992, Goa to 1993 and Meghalaya to the year

**Table 35.2-NUMBER OF DOCTORS POSSESSING RECOGNISED MEDICAL QUALIFICATIONS AND REGISTERED WITH STATE MEDICAL COUNCILS (as on 31st December)**

State Medical Council	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9
<b>State Medical Council:</b>								
Andhra Pradesh	19610	20459	21664	22736	23926	25155	27052	27541
Assam	10499	10932	11300	11679	12140	12518	12936	13293
Bhopal	11187	12043	12794	13584	14286	14865*	15754*	16382
Bihar	26376	27056	27672	28220	28710	29569	30195	30720
Goa	..	..	..	417	569	797	1346	1569
Gujarat	22392	23188	24257	25075	26117	27299	28406	29483
Haryana	644	709	781	822	866	913	925*	925
Hyderabad	13757	13888	13888	13888	13888	13888	13888	13888
Jammu & Kashmir	4407	4553	4732	4992	5280	5448	5674	5798
Karnataka	32813	34921	37447	39873	42351	44551*	47050	50077
Kerala	19465	20400	21296	22408	23622	23622	23622	23622
Maharashtra	49365	51895	54685	57084	59809	62979	66477	66477
Orissa	11087	11389	11512	11998	12336	12660	12981	13057
Punjab	26636	27132	27666	28113	28625	29170	29170	29170
Rajasthan	14041	14651	15186	15855	16503	17144	17779	18504
Tamil Nadu	46419	48345	50164	51745	53378	55164	57299	59305
Uttar Pradesh	33178	34419	35849	36807	37880	38628	68628	38628
West Bengal	41722	42723	43612	44294	45123	45794	46591	46941
M.C.I. Delhi	10042	11039	11964	13044	14258	15616	16861	18567
All India	393640	409742	426469	442634	459667	475780	522634	503947

Source: Medical Council of India

\* Incomplete information received from the concerned State Medical Council.



**Table 35.3-NUMBER OF REGISTERED NURSING PERSONNEL**  
(at the end of the year)

Year/States	Nurses and Midwives	Health visitors	Auxiliary nurses/ midwives
1	3	4	5
<b>All India</b>			
1991	340208	17302	150658
1992	385410	17910	165143
1993	449351	22144	203451
1994	512495	24411	229304
1995	562966	26046	278172
1996	565696	26578	283195
<b>1996</b>			
<b>States:</b>			
Andhra Pradesh	42659	2480	50582
Assam	2270	46	2054
Bihar	8883	1510	7501
Gujarat	54842	1352	11101
Haryana	4344	326	5663
Himachal Pradesh	4411	411	5005
Karnataka	27238	3985	21734
Kerala	24914	748	7758
Madhya Pradesh	84368	998	17751
Maharashtra	97287	-	15733
Mizoram	138	1	201
Orissa	30719	110	9951
Punjab	31498	2574	14139
Rajasthan	22515	444	26035
Tamil Nadu	79872	5851	37885
Tripura	344	26	823
Uttar Pradesh	14684	2733	13185
West Bengal	34701	2983	36094

Source: Directorate General of Health Services,  
Ministry of Health and Family Welfare

Note : Data in respect of midwives is included in that of nurses.

Table 35.4-STATISTICS OF MENTAL HOSPITALS

Year/States/U.Ts.	Number of mental hospitals	Number of beds available	Number of patients admitted during the year	Number of patients discharged during the year	Number of patients died during the year	Expenditure incurred (Rs.'000)
1	2	3	4	5	6	7
<b>All India</b>						
1991	45(31)	21147	48396	48892	908	-
1992	45(26)	21480	38323	41110	334	-
1993	45(20)	18445	33788	35961	404	-
1994	45(17)	21480	24630	30363	310	-
1995	45(17)	16047	33016	35516	843	-
1996	45(18)	15748	27722	30363	310	-
<b>1996</b>						
<b>States:</b>						
Andhra Pradesh	2(1)	900	2234	2392	9	-
Assam	1(1)	350	1470	1500	10	-
Bihar	3(2)	1493	3291	3329	42	-
Goa	1(1)	278	1900	1910	10	-
Gujarat	6(2)	842	267	234	9	-
Jammu & Kashmir	2(-)	-	-	-	-	-
Karnataka	2(1)	1180	2044	2034	6	-
Kerala	3(2)	1342	4125	6269	39	-
Madhya Pradesh	2(-)	-	-	-	-	-
Maharashtra	5(2)	6005	6505	6498	142	-
Nagaland	1(-)	-	-	-	-	-
Orissa	1(1)	60	886	834	3	-
Punjab	1(1)	811	170	196	19	-
Rajasthan	2(1)	410	2323	2662	7	-
Tamil Nadu	1(-)	-	-	-	-	-
Uttar Pradesh	4(2)	1499	1338	1307	12	-
West Bengal	7(-)	-	-	-	-	-
<b>Union Territories:</b>						
Delhi	1(1)	578	1169	1198	2	-

Source: Directorate General of Health Services,  
Ministry of Health and Family Welfare

- Notes: 1. The information is based on reported hospitals only.  
2. Figures in brackets in col.(2) indicate the number of reporting hospitals.

Table 35.5-FAMILY WELFARE PROGRAMME

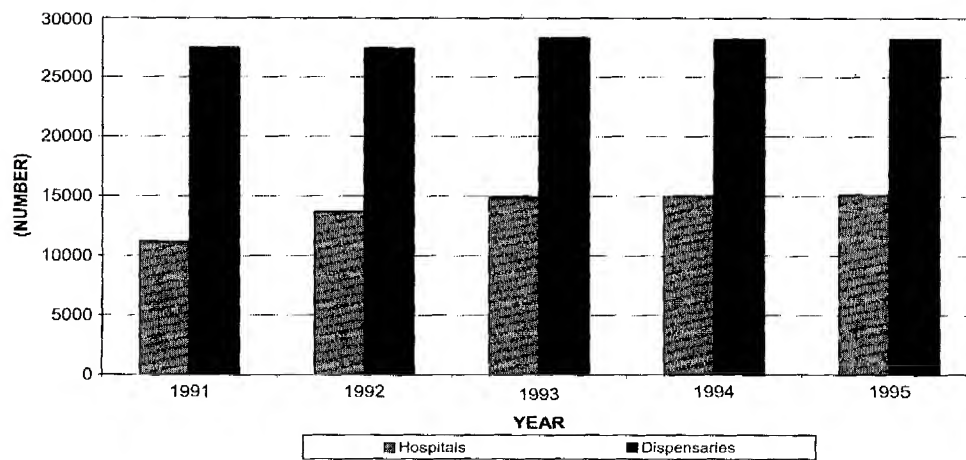
Year/States/U.Ts.	Number of sterilisations during the year	Cumulative number of sterilisations(1)		Number of IUD insertions during the year	Cumulative number of IUD insertions(1)		No. of conventional contraceptive users during the year	
		Number	Rate (2)		Number	Rate(2) year	Number	Rate(2)
1	2	3	4	5	6	7	8	9
<b>All India</b>								
1991-92	4090039	80827473	93.5	4386271	46437174	53.7	17240359	20.0
1992-93	4286306	85113779	96.4	47339858	51177032	58.0	18005770	20.5
1993-94	4497450	89611229	99.3	6016714	57193746	63.4	21585054	23.9
1994-95	4579514	94190743	102.2	6701995	63895741	69.4	22580297	24.5
1995-96	4420026	98610769	105.6	6850524	70746265	75.7	22371013	23.9
1996-97	3816491	102427260	107.8	5712479	76458744	80.5	22278883	23.5
<b>1996-97</b>								
<b>States:</b>								
Andhra Pradesh	501662	10814563	148.2	289894	3455359	47.4	778964	10.7
Arunachal Pradesh	891	18718	18.4	1731	32316	31.7	1577	1.5
Assam	14563	1701550	67.7	42704	608169	24.2	55076	2.2
Bihar	82421	7043751	74.4	156186	3141442	33.2	143527	1.5
Goa	3667	97653	71.4	2890	50375	36.9	14546	10.6
Gujarat	242949	6514820	141.0	409248	5392901	116.7	1175550	25.4
Haryana	100019	2109927	111.6	158253	2888782	152.8	532332	28.1
Himachal Pradesh	31609	759028	129.8	37797	617838	105.7	89326	15.3
Jammu & Kashmir	15422	454055	52.2	9565	269011	30.9	10387	1.2
Karnataka	383702	6665022	133.1	375330	3785763	75.6	508209	10.2
Kerala	118114	4238137	135.2	73128	1662463	53.0	252822	8.1
Madhya Pradesh	366127	7932330	105.0	622079	6108166	80.9	2284235	30.2
Maharashtra	518866	14002881	159.3	447597	7295661	83.0	1336337	15.2
Manipur	2324	82273	38.2	11171	121890	56.6	8103	3.8
Meghalaya	657	23654	11.4	1372	27960	13.4	2212	1.1
Mizoram	2570	57811	71.2	2306	34072	42.0	3676	4.5
Nagaland	668	15444	10.8	1798	16679	11.6	423	0.3
Orissa	133241	3958800	113.7	192205	2426742	69.7	475984	13.7
Punjab	107917	2567346	113.1	395343	6031429	265.6	655457	28.9
Rajasthan	200173	3847660	74.9	204459	2362740	46.6	916817	18.1
Sikkim	1308	15502	32.4	1347	20585	43.1	3174	6.6
Tamil Nadu	315000	9503044	158.1	383031	5399951	89.9	376707	6.3
Tripura	9679	167068	51.7	3603	38890	12.0	37115	11.5
Uttar Pradesh	266350	9902221	62.0	1664021	20534249	128.7	2290903	14.4
West Bengal	305260	7591307	100.2	128852	2137781	28.2	630649	8.3
<b>Union Territories:</b>								
A & N Islands	1756	30139	91.3	1266	24038	72.8	2289	6.9
Chandigarh	2561	62190	82.0	5656	125776	165.9	7155	9.4
D. & N. Haveli	490	18502	113.5	189	2824	17.3	238	1.5
Daman & Diu	507	6322	53.1	303	2787	23.4	1755	14.7
Delhi	31626	818446	70.3	63238	1255645	107.8	279095	24.0
Lakshadweep	48	1080	17.7	85	1421	23.3	588	9.6
Pondicherry	9793	157289	165.7	3700	80284	84.6	10809	11.4
Ministry of Defence	21610	539901	-	11355	254908	-	38734	-
Ministry of Railways	22941	708826	-	10777	249847	-	201178	-
Commerical distribution	-	-	-	-	-	-	9152934	-

Source: Department of Family Welfare, Ministry of Health and Family Welfare

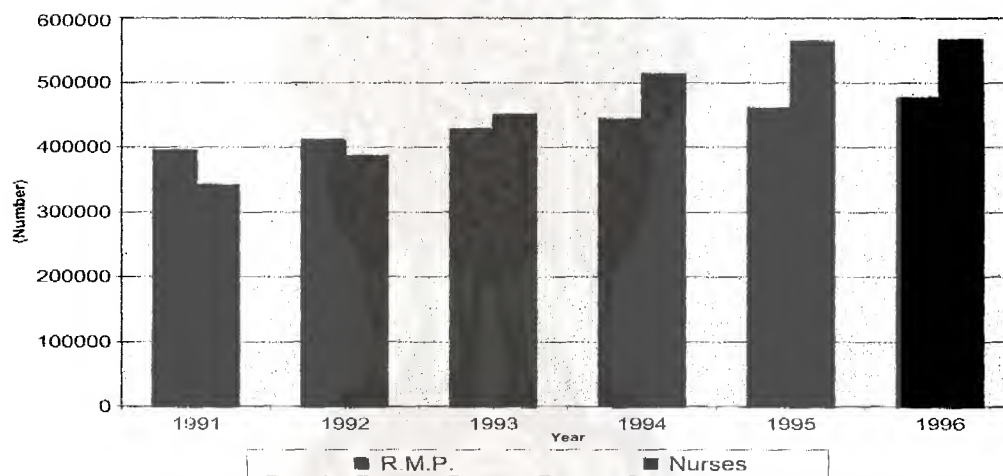
(1) Since inception of the programme.

(2) Rate relates to per thousand population.

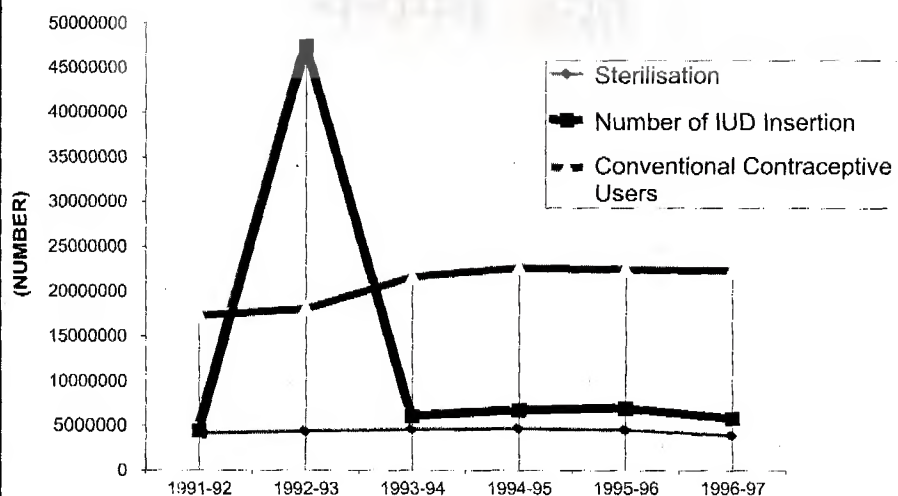
### HOSPITALS AND DISPENSARIES



### R.M.P. AND NURSES



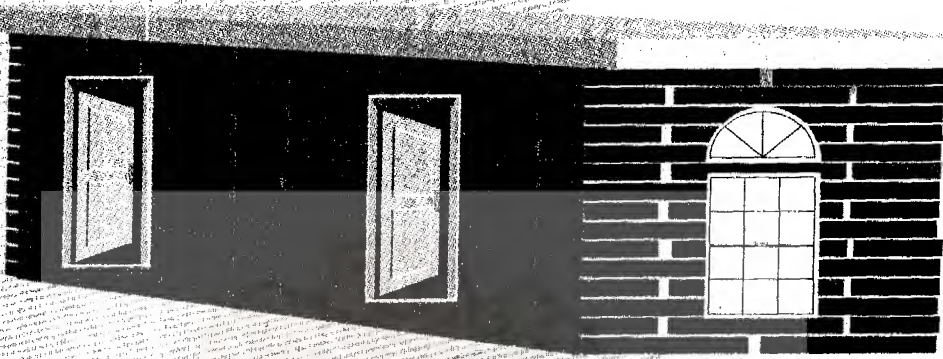
### FAMILY WELFARE PROGRAMME











# HOUSING

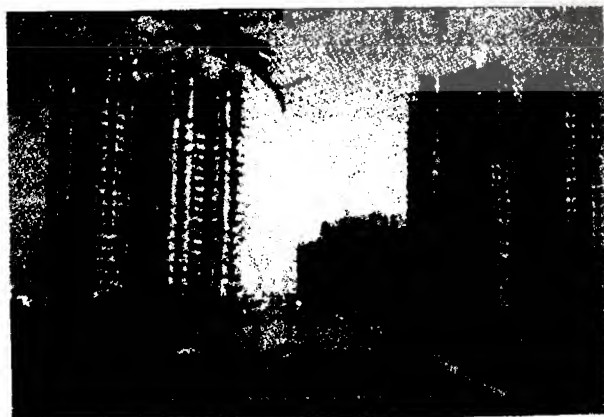


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## CHAPTER 36

# Housing

This section contains information on availability of houses, condition of the house structure, investments on dwellings and the amenities available in the houses. Tables included here are mostly based on data collected by the Office of the Registrar General of India, Ministry of Home Affairs at the time of house listing for the two Censuses conducted in 1981 and 1991 and the reports of the 44th Round and 50th Round of Survey by National Sample Survey Organisation, Ministry of Planning and Programme Implementation. Office of the Registrar General of India brings out a number of publications on Houses and household amenities covering the results of Census, however still some of the detailed data on housing based on 1991 Census are awaited. National Sample Survey Organisation presents the important results of its surveys conducted in different rounds in its quarterly journal Sarvekshana. Besides these two agencies, National Building Organisations, Ministry of Urban Affairs and Employment periodically collects data on investment in building etc. the summary results of which have been shown in some of the tables presented in this section.



### Tables 36.1 and 36.2

These tables present data on occupied residential houses, households, size of household in Census years 1981 and 1991. Table 36.2 provides percentage distribution of occupied census houses by the type of uses to which they are put in the two censuses.

**Tables 36.3 to 36.5**

The first two tables here provide data on distribution of households by type (independent house, flat, chawl/basti, others) of the dwellings and the structure of house (pucca, semi-pucca and kutcha) as revealed by Census and NSS results. The table 36.5 presents data about the proportion of dwellings in bad condition within each type of pucca, semi-pucca and kutcha structure of houses.

**Tables 36.6 and 36.7**

Table 36.6 has been divided into two parts viz., 'projects completed' and 'projects under execution' and gives data on 'Investment in residential and non-residential buildings' during 1991-92 by various Central and State Public Sector agencies including public undertakings for each State and Union Territory. Table 36.7 presents for each State and Union Territory the data on construction of dwellings of different types (by number of rooms possessed) within the categories of 'completed' and 'under execution' during 1991-92.

Data for these tables relate to 36 administrative divisions and 80 construction divisions of Central Public Works Department (CPWD), Central Public Sector Undertakings including nationalised banks, Reserve Bank of India and Port Trusts etc. In regard to State sector, data relate to twelve States and two Union Territories only, the rest of the States/UTs have not furnished data so far. Railways and some other Central agencies do not provide Statewise break-up of the investment and therefore, the total investment by these agencies have been shown separately under the head 'buildings by other agencies'.

**Tables 36.8**

The table indicates number of building permits and completion certificates issued in municipal areas in private sector. The series have been built up from 1961

onwards. For the year 1961 data relate to private construction in municipal towns with population of 75000 and above as per 1961 census. From 1971 onwards, data relate to all municipal towns with population of 1,00,000 and above as per 1971 census. For the towns for which data were not available, the number of building permits/completion certificates issued have been estimated by applying the average rate of the last three years relating to the concerned state.

**Table 36.9**

This table indicates percentage share of towns by their size and class in Housing and Building projects completed in private sectors during 1991-92.

**Tables 36.10 and 36.11**

These two tables present respective data on distribution of households by type of occupancy and by the size of dwelling units occupied in terms of number of rooms possessed in case of urban and rural areas separately.

**Tables 36.12 and 36.13**

These tables present data on sources of drinking water and the availability of safe drinking water to the households in rural and urban areas separately.

**Table 36.14**

Data on availability of electricity as a facility in the dwellings as revealed by Census and NSS results have been shown here separately for rural and urban areas.

**Tables 36.15 and 36.16**

These two tables are concerned with availability of toilet facilities in the dwellings and the type of latrine (flush type, septic tank, service latrine etc.) separately for rural and urban areas.



Table 36.1-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS

(Total)

All-India/States/ Union Territories	Number of Occupied Residential Houses 1991	Number of Households 1991	No. of Households per 100 Occupied Residential Houses		No. of Persons per 100 Households	
			1981	1991	1981	1991
1	2	3	4	5	6	7
<b>All-India (1)</b>	143191338	148165097	105	103	555	551
<b>States:</b>						
Andhra Pradesh	13474572	13937455	104	103	492	477
Arunachal Pradesh	159869	175448	115	110	506	493
Assam	3820248	3844370	..	101	..	583
Bihar	12833123	14012071	117	109	604	616
Goa	224501	234597	106	104	514	499
Gujarat	7342184	7492603	101	102	574	551
Haryana	2512101	2614725	102	104	648	630
Himachal Pradesh	959453	969018	102	101	546	534
Jammu and Kashmir	-	-	115	..	637	..
Karnataka	7963054	8143879	102	102	580	552
Kerala	5459474	5513200	103	101	575	528
Madhya Pradesh	11333438	11714945	104	103	560	565
Maharashtra	14893157	15344435	103	103	537	514
Manipur	286175	296689	103	104	615	619
Meghalaya	323084	327371	100	101	522	542
Mizoram	120993	120994	100	100	607	570
Nagaland	216725	216982	100	100	518	557
Orissa	5630434	5999447	109	107	527	528
Punjab	3330253	3424666	102	103	611	592
Rajasthan	7168834	7289839	102	102	588	604
Sikkim	76238	76329	102	100	529	533
Tamil Nadu	12413282	12542672	103	101	471	445
Tripura	522402	526659	101	101	540	524
Uttar Pradesh	21407433	22377820	108	105	577	622
West Bengal	12334859	12514414	102	101	560	544
<b>Union Territories:</b>						
A. & N. Islands	58300	59113	102	101	464	475
Chandigarh	144418	146521	102	101	449	438
D. & N. Haveli	24513	26237	101	107	534	528
Daman and Diu	18155	19179	101	106	547	530
Delhi	1804529	1877046	111	104	513	502
Lakshadweep	8124	8295	105	102	606	623
Pondicherry	147661	162448	108	110	522	497

(1) Excludes Assam and Jammu and Kashmir

Table 36.1-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS-Contd.

(Rural)

All-India/States/ Union Territories	Number of Occupied Residential Houses 1991	Number of Households 1991	No. of Households per 100 Occupied Residential Houses		No. of Persons per 100 Households	
			1981	1991	1981	1991
1	2	3	4	5	6	7
<b>All-India (1)</b>	104597551	108227175	105	103	558	557
<b>States:</b>						
Andhra Pradesh	10003999	10326962	104	103	487	471
Arunachal Pradesh	135136	150131	116	111	513	502
Assam	3342878	3364151	..	101	..	592
Bihar	11136401	12175277	118	109	603	616
Goa	129539	135816	106	105	517	508
Gujarat	4713257	4804255	102	102	581	563
Haryana	1822238	1882390	101	103	679	659
Himachal Pradesh	853130	861445	102	101	560	548
Jammu and Kashmir	..	..	112	..	637	..
Karnataka	5426039	5552438	102	102	580	560
Kerala	4076775	4102167	102	101	570	522
Madhya Pradesh	8663573	8945374	105	103	562	568
Maharashtra	8959586	9259441	103	103	541	523
Manipur	208630	215790	103	103	610	617
Meghalaya	265650	265668	102	100	522	544
Mizoram	63698	63699	100	100	611	584
Nagaland	174438	174695	100	100	524	573
Orissa	4834029	5168221	109	107	530	531
Punjab	2314391	2355096	102	102	627	607
Rajasthan	5495337	5573981	101	101	592	609
Sikkim	69159	69213	101	100	539	534
Tamil Nadu	8370429	8433757	102	101	461	436
Tripura	437240	440789	101	101	543	530
Uttar Pradesh	17344053	18024435	108	104	574	619
West Bengal	8773940	8909515	102	102	571	554
<b>Union Territories:</b>						
A. & N. Islands	42475	42674	102	100	475	482
Chandigarh	18191	18215	100	100	489	363
D. & N. Haveli	22590	23766	101	105	534	533
Daman and Diu	9243	9828	101	106	568	550
Delhi	175851	177428	105	101	629	535
Lakshadweep	3652	3742	105	102	599	604
Pondicherry	54882	60967	104	111	511	477

(1) Excludes Assam and Jammu and Kashmir.

Table 36.1-OCCUPIED RESIDENTIAL HOUSES AND HOUSEHOLDS-Concl'd.

(Urban)

All-India/States/ Union Territories	Number of Occupied Residential Houses 1991	Number of Households 1991	No. of Households per 100 Occupied Residential Houses		No. of Persons per 100 Households	
			1981	1991	1981	1991
1	2	3	4	5	6	7
<b>All-India (1)</b>	38593787	39937922	105	103	545	534
<b>States:</b>						
Andhra Pradesh	3470573	3610493	107	104	508	495
Arunachal Pradesh	24733	25317	102	102	425	437
Assam	477370	480219	..	101	..	518
Bihar	1696722	1836794	113	108	608	618
Goa	94962	98781	106	104	509	486
Gujarat	2628927	2688348	101	102	559	530
Haryana	689863	732335	104	106	555	554
Himachal Pradesh	106323	107573	101	101	420	418
Jammu and Kashmir	..	..	126	..	637	..
Karnataka	2537015	2591441	102	102	581	537
Kerala	1382699	1411033	106	102	602	544
Madhya Pradesh	2669865	2769571	103	104	550	554
Maharashtra	5933571	6084994	102	103	529	502
Manipur	77545	80899	108	104	630	625
Meghalaya	57434	61703	108	107	521	535
Mizoram	57295	57295	100	100	593	555
Nagaland	42287	42287	100	100	491	492
Orissa	796405	831226	107	104	501	509
Punjab	1015862	1069570	103	105	572	560
Rajasthan	1673497	1715858	103	103	574	587
Sikkim	7079	7116	108	101	479	520
Tamil Nadu	4042853	4108915	104	102	492	464
Tripura	85162	85870	102	101	522	491
Uttar Pradesh	4063380	4353385	108	107	589	634
West Bengal	3560919	3604899	102	101	532	519
<b>Union Territories :</b>						
A. & N. Islands	15825	16439	102	104	437	456
Chandigarh	126227	128306	102	102	446	449
D. & N. Haveli	1923	2471	102	128	530	475
Daman and Diu	8912	9351	101	105	514	508
Delhi	1628678	1699618	111	104	506	498
Lakshadweep	4472	4553	105	102	616	639
Pondicherry	92779	101481	112	109	532	509

Source: Office of the Registrar General of India

(1) Excludes Assam and Jammu and Kashmir.

**Table 36.2-DISTRIBUTION OF CENSUS HOUSES ACCORDING TO THE USES  
TO WHICH THEY ARE PUT**

*(Percentage)*

Occupied Census Houses used as	1991			1981		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
Residence	71.83	72.07	71.15	70.99	70.67	72.04
Shop-Cum-Residence	1.03	0.94	1.29	0.95	0.82	1.34
Workshop/Factory- Cum-Residence including Household Industry	1.53	1.56	1.46	1.99	1.94	2.16
Residence in Combination with other Uses	1.10	1.30	0.56	0.00		
Hotels, Sarais, Dharam- shalas, Tourist Homes and Inspection Houses	0.16	0.13	0.26	0.14	0.11	0.23
Shops excluding eating houses	2.89	1.65	6.28	2.45	1.32	6.10
Business houses and Offices	0.56	0.32	1.21	0.47	0.26	1.14
Factories, Workshops and Worksheds	1.76	1.10	3.57	1.52	0.98	3.27
Restaurants, Sweat-meat shops and Eating Places	0.38	0.27	0.68	0.39	0.27	0.78
Places of Entertainment and Community gathering (Panchayatghar) excluding Places of Worship	0.15	0.15	0.15	0.13	0.13	0.13
Places of Worship (e.g. Temple, Church, Mosque, Gurudwara etc.)	0.91	1.05	0.55	1.01	1.14	0.60
Other Non-Residential houses	11.34	13.90	4.30	14.63	17.37	5.80
Census houses vaccant at the time of house-listing	6.36	5.57	8.54	5.33	4.99	6.41

*Source: Office of the Registrar General of India*

*Note: The figures exclude Assam and Jammu and Kashmir.*



Table 36.3-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLINGS

India/States/ Union Territories	(Percentage) (Rural)								
	NSS 44th Round (July 1988-June 1989)					NSS 50th Round (July 1993-June 1994)			
	No dwell- ing	Indepe- ndent House	Flat	Chawl/ Basti	Others	Indepe- ndent House	Flat	Chawl/ Basti	Others
1	2	3	4	5	6	7	8	9	10
<b>All India</b>	0.01	82.56	2.71	2.98	11.65	86.80	2.10	5.40	5.50
<b>States:</b>									
Andhra Pradesh	-	70.90	6.90	4.58	17.60	79.80	5.50	6.10	8.70
Arunachal Pradesh	-	75.21	0.38	9.30	13.61	67.20	2.10	15.60	15.00
Assam	-	95.58	0.20	0.50	3.18	98.20	0.30	0.10	1.30
Bihar	-	81.02	2.94	2.20	13.67	94.30	1.40	1.50	2.70
Goa	-	88.71	1.57	-	9.73	83.40	3.50	12.10	0.90
Gujarat	0.04	95.75	0.66	2.25	1.30	85.70	1.20	8.70	4.30
Haryana	-	80.04	7.83	0.20	11.93	92.10	3.10	0.70	4.10
Himachal Pradesh	-	87.27	10.12	0.13	2.48	89.90	8.30	-	1.70
Jammu and Kashmir	-	79.04	3.73	-	17.07	92.90	0.20	0.60	6.30
Karnataka	-	87.89	0.89	5.12	5.90	78.50	3.80	15.30	2.40
Kerala	-	93.92	1.43	0.44	4.00	95.20	0.70	1.30	2.80
Madhya Pradesh	0.05	85.57	0.65	3.80	9.92	89.60	0.70	7.40	2.50
Maharashtra	-	69.90	0.46	10.47	19.11	75.50	0.70	17.40	6.40
Manipur	-	88.18	3.29	1.37	6.37	92.00	1.40	2.20	4.50
Meghalaya	-	97.47	0.34	0.91	1.10	95.60	0.70	2.80	0.80
Mizoram	-	94.47	0.34	2.68	1.00	99.50	0.20	0.30	-
Nagaland	..	..	..	..	..	98.90	0.40	-	0.70
Orissa	-	83.52	2.76	6.47	7.20	79.80	0.60	16.90	2.60
Punjab	0.19	84.33	2.24	0.59	12.64	95.50	0.90	0.70	2.90
Rajasthan	-	77.45	1.37	1.11	20.08	86.30	2.30	3.80	7.60
Sikkim	-	88.28	5.74	2.10	3.87	77.10	20.50	1.80	0.50
Tamil Nadu	-	79.11	4.51	2.12	14.20	85.40	4.20	1.80	8.50
Tripura	-	87.17	1.02	10.42	0.70	96.70	0.60	1.90	0.80
Uttar Pradesh	-	85.96	1.91	0.85	11.18	91.90	1.50	1.00	5.60
West Bengal	-	84.79	4.91	1.02	9.17	83.70	2.70	2.30	11.30
<b>Union Territories:</b>									
A. & N. Islands	-	63.84	21.10	2.69	12.37	63.20	15.90	-	20.90
Chandigarh	-	26.67	3.46	3.41	66.46	33.50	-	7.10	59.40
D. & N. Haveli	-	85.06	-	9.08	5.87	86.10	-	13.50	0.50
Daman and Diu	-	91.33	-	8.67	-	52.80	0.20	38.70	8.30
Delhi	-	75.91	16.73	2.44	4.91	63.00	-	5.00	31.90
Lakshadweep	-	93.77	1.26	2.44	2.53	93.40	6.70	-	-
Pondicherry	-	86.23	2.69	5.34	5.75	91.80	-	-	8.10

Table 36.3-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLINGS

(Percentage)  
(Rural)

India/States/ Union Territories	NSS 44th Round (July 1988-June 1989)					NSS 50th Round (July 1993-June 1994)			
	No dwell- ing	Indepe- ndent House	Flat	Chawl/ Basti	Others	Indepe- ndent House	Flat	Chawl/ Basti	Others
1	2	3	4	5	6	7	8	9	10
<b>All India</b>	0.07	52.35	17.08	10.76	19.62	57.60	14.50	14.60	13.40
<b>States:</b>									
Andhra Pradesh	0.05	42.24	23.76	6.22	27.71	60.30	26.40	6.90	16.50
Arunachal Pradesh	-	63.05	17.78	2.61	10.99	65.00	1.30	10.30	23.50
Assam	-	70.29	7.12	3.88	18.23	75.80	9.10	5.00	10.10
Bihar	0.04	51.89	20.52	8.97	18.14	63.10	16.50	7.30	13.20
Goa	-	52.49	17.40	6.37	23.75	46.80	12.40	32.70	8.10
Gujarat	-	60.80	19.17	12.87	7.12	54.00	15.70	21.60	8.80
Haryana	-	58.59	22.28	2.35	16.78	71.60	11.00	6.70	10.60
Himachal Pradesh	-	56.07	37.59	0.20	6.14	49.70	33.10	1.00	16.30
Jammu and Kashmir	0.07	56.08	7.07	0.71	35.99	63.10	10.00	2.20	24.60
Karnataka	-	72.21	5.13	10.08	12.58	68.00	8.80	20.10	3.20
Kerala	-	85.83	6.03	0.92	7.19	86.30	3.70	2.20	7.70
Madhya Pradesh	-	68.98	11.18	9.12	10.43	70.50	9.80	12.30	7.40
Maharashtra	0.22	32.20	17.33	33.95	16.15	31.70	19.30	41.30	7.60
Manipur	-	91.39	1.01	2.71	4.89	88.60	3.70	-	7.60
Meghalaya	-	45.15	24.95	8.06	20.83	71.70	10.40	13.20	4.70
Mizoram	-	59.73	4.50	0.61	5.17	88.70	8.30	1.50	1.40
Nagaland	-	77.32	2.69	7.57	11.46	80.80	7.90	8.30	3.00
Orissa	-	62.26	11.50	13.72	12.41	70.00	10.30	10.60	9.10
Punjab	-	64.86	6.06	2.09	26.94	79.00	4.60	1.80	14.60
Rajasthan	-	52.94	11.70	0.39	34.67	70.90	6.70	3.10	19.40
Sikkim	-	30.04	62.51	5.68	1.78	13.50	63.30	2.40	20.80
Tamil Nadu	0.08	51.07	16.53	8.90	23.31	55.50	19.30	7.50	17.60
Tripura	-	83.18	6.48	7.27	3.08	92.10	3.80	1.50	2.60
Uttar Pradesh	0.16	59.74	16.49	5.77	17.82	66.90	9.90	4.70	18.50
West Bengal	-	38.39	20.82	3.67	37.11	46.80	18.00	17.00	18.20
<b>Union Territories:</b>									
A. & N. Islands	1.23	33.68	44.11	1.64	19.34	15.70	44.30	-	40.00
Chandigarh	-	9.93	38.56	-	51.51	23.20	34.40	-	42.40
D. & N. Haveli	-	59.58	9.21	20.05	11.16	51.80	14.90	23.10	10.30
Daman and Diu	-	86.38	2.66	10.97	-	62.70	5.80	23.40	8.10
Delhi	0.03	38.38	40.29	14.58	6.41	35.40	24.90	15.40	24.30
Lakshadweep	-	95.62	1.01	-	3.37	98.60	1.00	-	0.40
Pondicherry	-	94.73	2.44	2.04	0.79	71.30	15.00	1.40	12.20

Source: National Sample Survey Organisation

Note: In case of NSS 44th Round, data for different type of dwellings may not add upto 100 the remainder accounts for "not recorded". In case of the 50th Round, the households having "no dwellings" have been included in "others".

**Table 36.4-DISTRIBUTION OF HOUSEHOLDS LIVING IN PUCCA, SEMI PUCCA AND KUTCHA HOUSES**

All-India/States/ Union Territories	1991			1981		
	Pucca	Semi-pucca	Kutcha	Pucca	Semi-pucca	Kutcha
1	2	3	4	5	6	7
<b>All-India (1)</b>	41.61	30.95	27.44	32.67	33.29	34.04
<b>States:</b>						
Andhra Pradesh	38.41	22.58	39.01	26.22	24.18	49.60
Arunachal Pradesh	14.94	11.72	73.34	7.48	11.64	80.88
Assam	14.62	15.16	70.22	-	-	-
Bihar	30.18	36.00	33.82	23.64	40.10	36.26
Goa	50.70	44.47	4.82	32.45	57.44	10.11
Gujarat	56.93	39.01	4.06	48.96	42.12	8.92
Haryana	50.14	35.73	14.13	39.82	35.85	24.33
Himachal Pradesh	53.03	40.99	5.99	43.94	45.14	10.92
Jammu and Kashmir	-	-	-	26.20	40.01	33.79
Karnataka	42.55	40.90	16.55	29.33	44.89	25.78
Kerala	55.97	19.13	24.90	38.80	20.33	40.87
Madhya Pradesh	30.47	64.87	4.66	25.02	66.30	8.68
Maharashtra	52.20	36.14	11.67	39.63	40.22	20.14
Manipur	5.40	40.65	53.95	3.42	18.89	77.69
Meghalaya	13.30	33.72	52.98	11.29	26.87	61.84
Mizoram	19.10	42.52	38.38	7.30	22.72	69.98
Nagaland	12.62	36.47	50.91	10.18	21.92	67.90
Orissa	18.71	22.06	59.23	13.00	18.53	68.47
Punjab	76.97	11.07	11.96	58.12	16.11	25.77
Rajasthan	56.13	22.94	20.93	49.08	25.14	25.78
Sikkim	26.95	39.11	33.94	18.16	35.51	77.00
Tamil Nadu	45.54	18.03	36.44	36.62	18.15	45.23
Tripura	5.50	20.71	73.79	3.61	8.41	87.98
Uttar Pradesh	41.03	30.34	28.63	29.29	35.07	35.62
West Bengal	32.61	29.38	38.01	28.40	26.03	45.57
<b>Union Territories:</b>						
A. & N. Islands	10.40	47.25	42.35	4.00	43.43	52.57
Chandigarh	82.49	8.42	9.10	84.42	8.61	6.97
D. & N. Haveli	20.80	22.54	56.66	18.47	5.02	76.51
Daman and Diu	79.80	17.33	2.87	67.84	21.41	10.75
Delhi	85.60	4.61	9.79	88.73	6.08	5.19
Lakshadweep	88.84	9.04	2.12	61.17	34.90	3.92
Pondicherry	44.88	12.16	42.96	37.48	9.25	53.27

Source: Office of the Registrar General of India

(1) Excludes Assam in 1981 and Jammu & Kashmir in 1991.

**Table 36.4-DISTRIBUTION OF HOUSEHOLDS LIVING IN PUCCA, SEMI PUCCA  
AND KUTCHA HOUSES-Contd.**

(Percentage)  
(Rural)

All-India/States/ Union Territories	1981			1991			NSS 50th Round (July 1993-June 1994)		
	Pucca	Semi- Pucca	Kutcha	Pucca	Semi- Pucca	Kutcha	Pucca	Semi- Pucca	Kutcha
1	2	3	4	5	6	7	8	9	10
<b>All-India (1)</b>	22.53	36.93	40.55	30.59	35.65	33.76	29.20	38.10	32.70
<b>States:</b>									
Andhra Pradesh	18.62	25.86	55.51	29.77	25.24	44.99	32.60	25.30	42.00
Arunachal Pradesh	5.75	9.78	84.48	9.76	10.53	79.71	9.80	12.80	77.40
Assam	..	..	..	10.53	13.37	76.09	5.40	27.20	67.40
Bihar	17.77	42.26	39.97	24.07	38.38	37.56	17.50	41.50	41.00
Goa	25.62	62.55	11.84	41.58	52.36	6.06	55.80	39.40	4.70
Gujarat	36.42	52.66	10.91	43.42	51.61	4.97	36.70	44.20	19.10
Haryana	31.09	39.44	29.48	41.46	41.32	17.22	72.50	14.30	13.20
Himachal Pradesh	41.02	47.32	11.66	49.75	43.86	6.39	43.90	48.50	7.60
Jammu and Kashmir	16.58	44.54	38.87	..	..	..	30.30	37.80	31.90
Karnataka	19.19	50.38	30.44	30.45	49.34	20.21	28.70	53.90	17.30
Kerala	35.07	20.93	44.01	51.56	20.55	27.89	51.50	30.10	18.50
Madhya Pradesh	16.97	73.11	9.92	20.93	73.79	5.28	13.30	76.50	10.30
Maharashtra	25.78	47.27	26.95	35.37	47.36	17.27	34.10	51.00	14.90
Manipur	1.20	13.94	84.87	2.64	35.90	61.46	3.20	47.30	49.50
Meghalaya	7.03	20.86	72.12	9.33	28.17	62.50	24.00	28.90	47.10
Mizoram	1.61	13.77	84.63	2.86	35.68	61.45	21.90	48.10	30.10
Nagaland	4.83	19.30	75.88	6.62	35.37	58.08	9.20	57.70	33.10
Orissa	8.32	18.50	73.18	13.00	22.63	64.37	10.20	19.10	70.60
Punjab	49.59	17.03	33.28	72.14	12.26	15.60	67.80	19.80	12.40
Rajasthan	40.36	29.30	30.34	47.04	27.46	45.50	46.30	24.80	28.90
Sikkim	11.20	35.31	53.48	22.13	40.43	37.43	23.70	52.20	24.10
Tamil Nadu	25.57	19.13	55.30	34.60	19.63	45.77	36.40	24.40	39.20
Tripura	1.43	6.41	92.16	1.91	17.35	80.74	1.80	16.30	81.90
Uttar Pradesh	21.56	37.55	40.89	32.70	33.60	33.70	32.20	37.10	30.80
West Bengal	11.96	28.62	59.41	15.74	34.17	50.10	15.60	38.00	46.40
<b>Union Territories:</b>									
A. & N. Islands	3.09	31.48	65.44	7.91	37.48	54.61	51.60	14.60	33.70
Chandigarh	60.70	26.57	12.73	58.66	22.68	18.66	53.00	41.90	5.20
D. & N. Haveli	16.43	3.56	80.01	16.11	22.05	61.84	6.60	84.50	9.00
Daman and Diu	59.15	26.24	14.61	70.22	25.97	3.80	62.10	34.70	3.20
Delhi	67.90	26.70	5.40	86.63	5.87	7.50	93.90	4.30	1.80
Lakshadweep	49.75	45.94	4.31	83.91	13.50	2.59	60.30	38.20	1.50
Pondicherry	25.47	9.42	65.11	27.17	14.85	57.98	30.70	13.30	55.90

For footnote, please see next page.



**Table 36.4-DISTRIBUTION OF HOUSEHOLDS LIVING IN PUCCA, SEMI PUCCA AND KUTCHA HOUSES-Contd.**

All-India/States/ Union Territories	(Percentage) (Urban)								
	1981			1991			NSS 50th Round (July 1993-June 1994)		
	Pucca	Semi- Pucca	Kutcha	Pucca	Semi- Pucca	Kutcha	Pucca	Semi- Pucca	Kutcha
1	2	3	4	5	6	7	8	9	10
<b>All-India (1)</b>	64.70	21.80	13.50	72.75	17.69	9.56	70.70	19.50	9.90
<b>States:</b>									
Andhra Pradesh	52.59	18.32	29.09	64.94	14.42	20.64	66.50	15.80	17.70
Arunachal Pradesh	28.03	33.62	38.35	44.71	18.53	36.75	43.20	25.60	31.20
Assam	..	..	..	43.43	27.77	28.80	45.90	26.40	27.70
Bihar	65.66	24.69	9.65	70.49	20.35	9.17	64.30	25.80	9.90
Goa	47.13	46.46	6.40	63.68	33.26	3.06	59.30	24.80	15.90
Gujarat	75.49	19.80	4.71	81.14	16.42	2.44	80.00	15.70	4.30
Haryana	65.39	25.38	9.23	72.95	21.03	6.02	90.00	4.60	5.40
Himachal Pradesh	70.59	25.30	4.11	79.25	18.00	2.75	86.70	10.40	2.80
Jammu and Kashmir	62.41	22.92	14.67	..	..	..	86.40	10.50	3.20
Karnataka	54.64	31.20	14.16	69.43	22.16	8.41	67.20	25.90	6.90
Kerala	56.08	17.56	26.35	69.06	14.93	16.01	67.70	19.60	12.70
Madhya Pradesh	56.02	40.09	3.88	62.14	35.25	2.61	58.20	37.60	4.20
Maharashtra	64.63	27.54	7.83	77.81	19.06	3.13	74.70	20.40	4.90
Manipur	9.83	33.21	56.96	12.78	53.36	33.87	12.20	63.60	24.20
Meghalaya	30.67	54.19	15.14	29.99	57.06	12.95	72.90	17.50	9.60
Mizoram	24.28	49.48	26.24	37.09	50.10	12.81	57.40	41.50	1.20
Nagaland	38.32	35.70	25.98	33.82	40.39	25.78	54.40	25.90	19.70
Orissa	46.70	18.77	34.53	54.95	18.40	26.65	59.00	15.60	25.40
Punjab	78.43	13.91	7.66	88.10	8.31	3.59	89.10	8.10	2.70
Rajasthan	80.82	10.00	9.17	86.20	7.97	5.83	85.70	8.20	8.00
Sikkim	51.70	36.45	11.86	70.09	27.30	2.60	73.70	24.00	2.30
Tamil Nadu	60.74	16.04	23.22	69.08	14.57	16.35	64.10	19.80	16.20
Tripura	20.70	24.12	55.17	24.02	38.06	37.92	24.30	26.40	49.30
Uttar Pradesh	65.40	23.54	11.07	75.93	16.70	7.37	73.10	18.00	8.90
West Bengal	71.37	19.26	9.37	74.19	17.58	8.23	68.10	22.80	9.20
<b>Union Territories:</b>									
A. & N. Islands	6.42	74.95	18.63	17.21	73.90	8.89	95.80	3.20	0.90
Chandigarh	85.92	7.48	6.61	85.61	6.54	7.84	83.30	15.00	1.70
D. & N. Haveli	46.97	25.44	27.59	69.11	27.64	3.25	59.10	38.40	2.50
Daman and Diu	81.36	13.91	4.73	89.89	8.23	1.89	94.30	5.70	-
Delhi	90.05	4.78	5.17	85.50	4.49	10.02	78.70	6.70	14.60
Lakshadweep	74.90	21.63	3.46	92.84	5.43	1.73	82.00	15.40	2.60
Pondicherry	49.07	9.09	41.84	56.53	10.39	33.08	61.40	15.30	23.40

Sources: 1. Office of the Registrar General of India,  
2. National Sample Survey Organisation

(1) All India figures exclude Assam in 1981 and Jammu and Kashmir in 1991.

**Table 36.5 - PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF STRUCTURE AND PROPORTION OF STRUCTURES IN BAD CONDITION WITHIN EACH TYPE**  
**-NSS 49th Round (Jan.-June 1993)**

(Rural)

All-India States/ Union Territories	Pucca		Semi-pucca		Katcha	
	Percentage of House holds	Propn.(%) in bad condition	Percentage of House holds	Propn.(%) in bad condition	Percentage of House holds	Propn.(%) in bad condition
1	2	3	4	5	6	7
<b>All India</b>	32.28	2.49	36.00	11.96	31.72	34.91
<b>States:</b>						
Andhra Pradesh	37.47	3.15	23.33	9.42	39.20	36.67
Arunachal Pradesh	5.52	-	11.13	-	83.45	9.79
Assam	7.50	1.07	21.62	5.88	70.88	35.80
Bihar	20.76	4.93	37.19	13.52	42.04	39.64
Goa	61.57	-	34.76	11.75	3.56	32.35
Gujarat	39.94	1.00	38.37	16.56	21.69	25.60
Haryana	79.42	2.49	6.24	20.57	14.34	51.32
Himachal Pradesh	55.05	2.75	38.86	8.20	6.09	19.58
Jammu & Kashmir	29.33	2.39	38.40	6.14	32.27	15.91
Karnataka	26.31	0.30	55.79	7.98	17.90	55.43
Kerala	55.30	0.39	25.74	14.97	18.96	57.27
Madhya Pradesh	13.35	1.85	78.30	8.06	8.35	34.57
Maharashtra	42.54	2.89	47.93	9.72	9.53	38.82
Manipur	3.15	4.84	37.89	-	58.96	22.57
Meghalaya	18.13	-	21.68	2.65	60.19	7.88
Mizoram	25.61	0.53	45.12	1.50	29.27	12.50
Nagaland	17.61	-	52.27	3.62	30.11	32.70
Orissa	12.06	3.24	28.35	22.70	59.59	43.07
Punjab	79.99	1.89	11.28	14.14	8.73	49.42
Rajasthan	46.08	2.00	23.55	9.48	30.37	18.41
Sikkim	36.35	-	27.50	1.43	35.95	17.49
Tamil Nadu	35.16	3.18	23.50	12.95	41.53	29.94
Tripura	2.69	11.54	19.24	7.53	78.09	29.65
Uttar Pradesh	37.19	2.78	31.20	14.61	31.61	33.35
West Bengal	16.59	2.79	37.45	15.84	45.97	29.09
<b>Union Territories:</b>						
A. & N. Islands	44.24	3.64	21.98	15.85	33.78	25.40
Chandigarh	87.57	1.35	9.47	31.25	2.96	100.00
D. & N. Haveli	1.66	-	90.04	1.38	8.71	-
Daman & Diu	74.11	2.40	23.21	84.62	1.79	-
Delhi	93.54	-	6.46	-	-	-
Lakshadweep	85.71	-	10.71	-	3.57	100.00
Pondicherry	25.15	11.90	29.74	2.01	45.11	26.99

**Table 36.5 - PERCENTAGE DISTRIBUTION OF HOUSEHOLDS BY TYPE OF STRUCTURE AND PROPORTION OF STRUCTURES IN BAD CONDITION WITHIN EACH TYPE -Concl'd.**  
**-NSS 49th Round (Jan.-June 1993)**

(Urban)

All-India States/ Union Territories	Pucca		Semi-pucca		Katcha	
	Percentage of House holds	Propn.(%) in bad condition	Percentage of House holds	Propn.(%) in bad condition	Percentage of House holds	Propn.(%) in bad condition
1	2	3	4	5	6	7
<b>All India</b>	73.84	3.44	17.89	18.66	8.27	52.63
<b>States:</b>						
Andhra Pradesh	68.06	2.48	15.33	10.74	16.61	41.53
Arunachal Pradesh	59.06	1.33	11.81	-	29.13	37.84
Assam	48.67	3.29	30.84	6.75	20.48	45.63
Bihar	65.98	5.31	25.22	18.13	8.80	45.57
Goa	86.82	0.50	11.33	6.73	1.85	52.94
Gujarat	81.22	2.51	12.14	29.40	6.64	71.25
Haryana	86.97	3.40	7.41	57.24	5.61	55.38
Himachal Pradesh	82.74	0.82	15.14	13.38	2.02	14.29
Jammu & Kashmir	80.82	1.36	14.98	13.41	4.20	19.57
Karnataka	63.55	0.53	23.17	5.92	13.28	69.98
Kerala	73.00	0.43	16.28	12.30	10.72	66.57
Madhya Pradesh	58.65	2.31	36.70	17.41	4.65	57.93
Maharashtra	81.80	2.77	15.31	14.80	2.89	64.17
Manipur	10.16	1.72	69.35	6.57	20.49	31.62
Meghalaya	62.07	0.52	20.75	9.38	17.18	14.15
Mizoram	51.63	-	40.85	-	7.52	43.33
Nagaland	38.78	2.63	52.55	3.88	8.67	41.18
Orissa	55.42	4.08	27.80	20.70	16.78	58.26
Punjab	91.96	3.19	4.70	27.66	3.34	65.17
Rajasthan	87.45	2.21	8.30	22.21	4.25	37.50
Sikkim	82.95	-	7.95	-	9.09	75.00
Tamil Nadu	69.25	2.22	17.22	12.39	13.53	43.20
Tripura	30.76	0.58	37.77	3.81	31.47	32.57
Uttar Pradesh	77.16	4.71	15.68	24.28	7.17	55.55
West Bengal	70.93	10.32	22.53	35.54	6.54	58.87
<b>Union Territories:</b>						
A. & N. Islands	95.15	11.22	4.37	11.11	0.48	-
Chandigarh	91.73	-	7.86	98.95	0.41	-
D. & N. Haveli	61.90	-	19.05	-	19.05	-
Daman & Diu	77.78	2.38	18.52	-	3.70	-
Delhi	87.35	2.88	10.21	24.58	2.44	42.08
Lakshadweep	94.44	2.94	-	-	5.56	50.00
Pondicherry	69.36	-	20.24	-	10.40	35.33

Source: National Sample Survey Organisation

**Table 36.6-INVESTMENT ON BUILDING PROJECTS UNDERTAKEN BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS : 1992-93**  
(Projects Completed)

(Rs. million)

States/Union Territories	Residential		Non-residential		Total		
	CPWD and PU	States	CPWD and PU	States	CPWD and PU	States	Total
1	2	3	4	5	6	7	8
<b>States:</b>							
Andhra Pradesh	13.55	105.30	-	37.01	13.55	142.31	155.86
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	2.40	0.17	1.00	0.25	3.40	0.42	3.82
Bihar	17.02	-	3.55	-	20.57	-	20.57
Goa	-	-	0.10	-	0.10	-	0.10
Gujarat	-	101.27	5.35	205.07	5.35	306.34	311.69
Haryana	-	-	0.30	-	0.30	-	0.30
Himachal Pradesh	0.96	4.33	1.00	7.90	1.96	12.23	14.19
Jammu & Kashmir	-	-	-	-	-	-	-
Karnataka	6.51	3.63	4.25	6.62	10.76	10.25	21.01
Kerala	3.82	8.46	2.72	26.06	6.54	34.52	41.06
Madhya Pradesh	18.67	82.77	5.27	108.18	23.94	190.95	214.89
Maharashtra	1.96	-	27.97	0.19	29.93	0.19	30.12
Manipur	-	-	-	-	-	-	-
Meghalaya	-	6.48	-	0.70	-	7.18	7.18
Mizoram	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-	-
Orissa	69.68	6.34	-	15.19	69.68	21.53	91.21
Punjab	-	2.54	41.61	11.93	41.61	14.47	56.08
Rajasthan	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	0.50	341.26	6.13	418.96	6.63	760.22	766.85
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	0.44	126.47	3.41	158.52	3.85	284.99	288.84
West Bengal	90.47	-	0.88	-	91.35	-	91.35
<b>Union territories:</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
Dadar & Nagar Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	2.35	134.91	21.75	102.55	24.10	237.46	261.56
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Buildings by other agencies	-	-	-	-	-	-	-
Estimates for non-reporting	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>228.33</b>	<b>923.93</b>	<b>125.29</b>	<b>1099.13</b>	<b>353.62</b>	<b>2023.06</b>	<b>2376.68</b>

For footnotes, please see next page.



**Table 36.6-INVESTMENT ON BUILDING PROJECTS UNDERTAKEN BY VARIOUS CENTRAL AND STATE AGENCIES INCLUDING PUBLIC SECTOR UNDERTAKINGS : 1992-93**  
(Projects under Execution)

(Rs. million)

States/ Union Territories	Residential		Non-residential		Total		
	CPWD and PU	States	CPWD and PU	States	CPWD and PU	States	Total
1	2.00	3	4	5	6	7	8
<b>States:</b>							
Andhra Pradesh	11.00	61.65	5.11	27.28	16.11	88.93	105.04
Arunachal Pradesh	-	-	-	-	-	-	-
Assam	20.18	0.52	-	9.20	20.18	9.72	29.90
Bihar	-	-	3.22	-	3.22	-	3.22
Goa	0.73	-	3.44	-	4.17	-	4.17
Gujarat	19.82	0.57	-	6.18	19.82	6.75	26.57
Haryana	30.28	-	71.99	-	102.27	-	102.27
Himachal Pradesh	9.58	3.57	1.10	5.42	10.68	8.99	19.67
Jammu & Kashmir	-	-	-	-	-	-	-
Karnataka	5.67	6.24	27.87	23.81	33.54	30.05	63.59
Kerala	8.31	22.91	12.46	204.14	20.77	227.05	247.82
Madhya Pradesh	13.51	212.49	40.31	43.36	53.82	255.85	309.67
Maharashtra	55.64	0.40	7.71	1.41	63.35	1.81	65.16
Manipur	-	-	-	-	-	-	-
Meghalaya	-	9.03	-	15.83	-	24.86	24.86
Mizoram	-	-	-	-	-	-	-
Nagaland	0.70	0.87	0.50	0.24	1.20	1.11	2.31
Orissa	22.00	8.43	-	6.16	22.00	14.59	36.59
Punjab	5.13	4.87	14.28	30.11	19.41	34.98	54.39
Rajasthan	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-
Tamil Nadu	46.62	371.48	9.39	503.47	56.01	874.95	930.96
Tripura	-	-	-	-	-	-	-
Uttar Pradesh	29.61	231.92	70.23	261.46	99.84	493.38	593.22
West Bengal	245.00	-	0.78	-	245.78	-	245.78
<b>Union Territories:-</b>							
A. & N. Islands	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-
Dadar & Nagar Haveli	-	-	-	-	-	-	-
Daman & Diu	-	-	-	-	-	-	-
Delhi	32.98	256.85	49.39	168.07	82.37	424.91	507.28
Lakshadweep	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-
Buildings by other agencies	-	-	-	-	-	-	-
Estimates for non-reporting	-	-	-	-	-	-	-
<b>Grand Total</b>	<b>556.76</b>	<b>1191.18</b>	<b>317.78</b>	<b>1306.75</b>	<b>874.54</b>	<b>2497.93</b>	<b>3372.47</b>

Source: National Buildings Organisation, Ministry of Urban Affairs and Employment

CPWD - Central Public Works Department  
PU - Public Undertakings

**Table 36.7-NUMBER OF DWELLINGS OF DIFFERENT TYPES COMPLETED AND  
UNDER EXECUTION BY VARIOUS CENTRAL AND STATE PUBLIC  
SECTOR CONSTRUCTION AGENCIES - 1992-93**

(number)

Place of Construction States/Union Territories	Dwellings completed					Dwellings under execution				
	One room	Two rooms	Three rooms	Four or more rooms	Total	One room	Two rooms	Three rooms	Four or more rooms	Total
1	2	3	4	5	6	7	8	9	10	11
<b>States:</b>										
Andhra Pradesh	8	2073	116	37	2234	3	908	138	2	1051
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	-
Assam	-	5	11	-	16	-	279	147	8	434
Bihar	12	28	30	1	71	-	-	-	-	-
Goa	-	-	-	-	-	-	6	-	-	6
Gujarat	1354	1008	75	56	2493	-	52	62	-	114
Haryana	-	-	-	-	-	6	16	38	18	78
Himachal Pradesh	2	38	14	23	77	-	61	63	27	151
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	-
Karnataka	48	28	1	2	79	6	44	14	2	66
Kerala	2	20	47	99	168	26	86	88	285	485
Madhya Pradesh	488	977	319	81	1865	2959	2726	999	1031	7715
Maharashtra	-	-	16	-	16	28	54	86	81	249
Manipur	-	-	-	-	-	-	-	-	-	-
Meghalaya	1	-	6	2	9	-	-	1	213	214
Mizoram	-	-	-	-	-	-	-	-	-	-
Nagaland	-	-	-	-	-	244	167	186	121	718
Orissa	127	282	187	52	648	2	241	181	46	470
Punjab	-	-	-	-	-	12	18	16	29	75
Rajasthan	-	-	-	-	-	-	-	-	-	-
Sikkim	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	20440	1431	1118	427	23416	17512	7006	1908	48	26474
Tripura	-	-	-	-	-	-	-	-	-	-
Uttar Pradesh	921	804	295	364	2384	1779	1100	473	685	4037
West Bengal	-	678	36	34	748	-	1192	400	137	1729
<b>Union Territories:</b>										
A. & N. Islands	-	-	-	-	-	-	-	-	-	-
Chandigarh	-	-	-	-	-	-	-	-	-	-
Dadar & Nagar Haveli	-	-	-	-	-	-	-	-	-	-
Delhi	1409	484	1493	252	3638	7300	1607	3322	938	13167
Lakshadweep	-	-	-	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-	-	-
Buildings by other agencies	-	-	-	-	-	-	-	-	-	-
Estimates for non-reporting	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>24812</b>	<b>7856</b>	<b>3764</b>	<b>1430</b>	<b>37862</b>	<b>29877</b>	<b>15563</b>	<b>8122</b>	<b>3671</b>	<b>57233</b>

Source: National Buildings Organisation, Ministry of Urban Affairs and Employment

**Table 36.8-ESTIMATED NUMBER OF BUILDING PERMITS AND COMPLETION  
CERTIFICATES ISSUED IN MAJOR TOWNS IN INDIA**  
(Number of building permits issued)

('00 Nos.)

States/ Union Territories	1961	1971	1976	1981	1986	1987	1988	1989	1990	1991
1	2	3	4	5	6	7	8	9	10	11
<b>States:</b>										
Andhra Pradesh	64	62	65	98	109	130	133	136	160	185
Assam	2	5	5	9	7	8	8	9	9	23
Bihar	34	28	26	39	51	60	67	73	76	53
Gujarat	76	106	108	102	124	147	155	121	109	131
Haryana	..	3	2	5	37	42	36	32	30	35
Jammu & Kashmir	16	16	11	18	14	15	15	27	6	16
Karnataka	45	83	91	139	183	203	194	191	202	188
Kerala	58	53	73	109	146	152	144	122	132	109
Madhya Pradesh	61	91	47	80	140	150	155	149	135	143
Maharashtra	122	105	69	93	122	156	169	161	166	192
Manipur	..	2	..	..	..	..	..	1	1	1
Meghalaya	..	..	..	..	2	2	2	2	2	2
Orissa	8	4	6	6	18	16	14	14	15	21
Punjab (1)	42	38	27	41	69	70	78	76	56	60
Rajasthan	51	60	24	31	42	46	43	40	49	54
Tamil Nadu	97	102	37	97	195	216	102	151	153	152
Tripura	..	..	..	..	4	4	4	6	6	7
Uttar Pradesh	144	116	81	108	159	171	183	154	161	208
West Bengal	100	64	49	46	112	132	149	105	137	205
<b>Union Territories:</b>										
Chandigarh	..	10	10	12	24	26	27	1	1	1
Delhi	49	52	23	14	23	17	33	50	34	34
Pondicherry	-	-	-	-	-	-	-	-	-	11
<b>Total</b>	<b>969</b>	<b>1000</b>	<b>754</b>	<b>1047</b>	<b>1581</b>	<b>1763</b>	<b>1711</b>	<b>1621</b>	<b>1640</b>	<b>1831</b>

**Table 36.8-ESTIMATED NUMBER OF BUILDING PERMITS AND COMPLETION  
CERTIFICATES ISSUED IN MAJOR TOWNS IN INDIA -Concl'd.  
(No. of completion certificates issued)**

('00 Nos.)

States/ Union Territories	1961	1971	1976	1981	1986	1987	1988	1989	1990	1991
1	2	3	4	5	6	7	8	9	10	11
<b>States:</b>										
Andhra Pradesh	47	45	53	80	87	98	101	109	121	142
Assam	2	2	2	4	3	3	3	3	3	10
Bihar	28	24	14	25	33	38	45	47	49	35
Gujarat	34	44	46	38	74	75	71	50	45	48
Haryana	..	2	2	-	23	26	22	19	16	20
Jammu & Kashmir	10	6	6	5	8	8	8	14	3	9
Karnataka	25	44	46	71	99	114	108	105	103	89
Kerala	39	35	52	50	115	116	106	83	69	48
Madhya Pradesh	51	19	22	35	70	72	91	76	57	75
Maharashtra	45	45	43	33	60	84	88	72	66	83
Manipur	..	1	..	..	..	..	..	..	..	..
Meghalaya	..	..	..	..	1	1	1	1	1	1
Orissa	7	4	12	7	22	20	14	14	16	21
Punjab (1)	23	21	8	19	49	35	36	35	23	24
Rajasthan	43	43	23	28	43	56	52	46	57	71
Tamil Nadu	61	54	39	79	162	204	76	112	98	77
Tripura	..	..	..	..	6	4	6	6	10	9
Uttar Pradesh	81	100	53	52	116	120	131	125	131	160
West Bengal	55	47	40	18	90	95	107	71	95	153
<b>Union Territories:</b>										
Chandigarh	..	6	5	5	10	11	12	1	1	1
Delhi	15	7	24	13	6	4	7	26	12	12
Pondicherry	-	-	-	-	-	-	-	-	-	11
<b>Total</b>	<b>566</b>	<b>549</b>	<b>490</b>	<b>562</b>	<b>1077</b>	<b>1184</b>	<b>1085</b>	<b>1015</b>	<b>976</b>	<b>1099</b>

Source: National Buildings Organisation, Ministry of Urban Affairs and Employment

(1) In case of the 1961, data for Harayana and Chandigarh are included in Punjab.

**Notes:**

1. Upto the end of year 1961, data relate to private construction in municipal towns with population of 75,000 and above as per 1961 Census. From 1971, data pertain to all municipal towns with population of 1,00,000 and above as per 1971 Census.
2. There is no major town coming under the coverage given above in Himachal Pradesh, Nagaland, A & N. Islands, Arunachal Pradesh, Dadra & Nagar Haveli, Goa, Daman & Diu, Lakshadweep, Mizoram and Pondicherry. Hence these States/Union Territories are not included in the above table.
3. Estimates are based on replies to a main questionnaire issued to the municipalities. In case of nonresponding municipalities, estimates have been arrived at by applying the average rate for the last three years relating to the concerned state.



Table 36.9-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF OCCUPANCY

(Percentage)

Year/ States/Union Territories	Total			Rural			Urban		
	Owned	Hired	Others	Owned	Hired	Others	Owned	Hired	Others
1	2	3	4	5	6	7	8	9	10
<b>All India</b>									
1981	93.32	3.91	2.77	91.22	3.35	5.42	44.57	50.80	4.63
1991	86.34	11.84	1.82	94.57	2.96	1.47	63.09	34.12	2.80
1991									
<b>States:</b>									
Andhra Pradesh	84.15	14.47	1.38	92.86	5.93	1.21	57.43	40.69	1.88
Arunachal Pradesh	63.67	27.75	8.58	71.24	21.03	7.74	20.21	66.39	13.40
Assam	84.43	11.50	4.07	88.84	7.14	4.02	53.35	42.28	4.37
Bihar	95.00	4.19	0.81	98.54	1.01	0.50	71.70	25.17	3.13
Goa	76.25	20.18	3.57	85.65	10.72	3.63	62.87	33.63	3.50
Gujarat	83.33	14.64	2.03	92.73	5.85	1.42	66.46	30.40	3.14
Haryana	90.24	8.18	1.58	96.28	2.29	1.43	74.37	23.69	1.94
Himachal Pradesh	84.86	13.34	1.80	90.70	7.75	1.55	38.16	59.06	3.78
Jammu and Kashmir	..	..	..	..	..	..	..	..	..
Karnataka	79.83	17.83	2.34	91.64	5.97	2.38	53.60	44.16	2.24
Kerala	93.61	4.99	1.40	95.38	3.24	1.38	88.36	10.18	1.46
Madhya Pradesh	88.29	10.05	1.66	95.30	3.27	1.43	65.04	32.53	2.43
Maharashtra	77.85	18.95	3.20	90.39	6.61	3.00	58.76	37.74	3.50
Manipur	92.55	6.27	1.18	94.96	4.01	1.03	86.11	12.31	1.58
Meghalaya	80.95	17.40	2.01	91.37	7.31	1.32	35.21	59.87	4.92
Mizoram	73.88	23.55	2.57	91.14	7.60	1.26	54.74	41.23	4.03
Nagaland	74.24	22.26	3.50	86.60	10.29	3.11	30.53	64.63	4.84
Orissa	90.21	8.12	1.67	95.84	2.90	1.26	54.54	41.22	4.24
Punjab	89.99	8.61	1.40	96.43	2.52	1.05	75.17	22.64	2.19
Rajasthan	90.91	7.78	1.31	96.14	2.75	1.11	73.63	24.41	1.96
Sikkim	67.59	26.57	5.84	73.14	20.77	6.09	17.91	78.48	3.61
Tamil Nadu	78.06	20.29	1.65	90.61	7.87	1.52	51.04	47.01	1.95
Tripura	87.19	7.97	4.84	90.54	4.12	5.34	69.85	27.85	2.30
Uttar Pradesh	93.73	5.22	1.05	98.15	1.14	0.71	75.20	22.29	2.51
West Bengal	83.84	13.77	2.39	95.18	3.11	1.71	55.90	40.06	4.04
<b>Union Territories:</b>									
A. & N. Islands	51.92	39.48	8.60	58.46	33.55	7.99	34.04	55.69	10.27
Chandigarh	43.26	52.05	4.69	40.54	58.56	0.90	43.62	51.19	5.19
D. & N. Haveli	84.83	14.02	1.15	88.12	10.67	1.21	50.87	48.52	0.61
Daman and Diu	81.89	15.57	2.54	88.62	10.15	1.23	74.80	21.29	3.91
Delhi	68.10	28.61	3.29	83.22	14.84	1.94	66.64	29.94	3.42
Lakshadweep	78.53	20.75	0.72	87.61	11.96	0.43	71.18	27.87	0.95
Pondicherry	70.65	23.77	5.58	87.81	8.32	3.87	59.35	33.93	6.71

Note: Data for the years 1981 and 1991 exclude Assam and Jammu & Kashmir respectively. Besides the data exclude institutional population.

Table 36.9-DISTRIBUTION OF HOUSEHOLDS BY TYPE OF OCCUPANCY-Concl'd.

(Percentage)

Year/ States/Union Territories	NSS 44th Round(July 87-June 88)						NSS 50th Round(July 93-June 94)					
	Rural			Urban			Rural			Urban		
	Owned	Hired	Others	Owned	Hired	Others	Owned	Hired	Others	Owned	Hired	Others
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All India</b>	90.99	3.32	5.41	50.54	36.96	8.31	93.40	3.90	2.70	55.50	35.60	8.90
<b>States:</b>												
Andhra Pradesh	87.45	5.14	6.98	47.78	41.42	10.72	91.60	5.20	3.10	54.30	40.80	5.00
Arunachal Pradesh	81.56	0.58	16.52	28.33	8.43	63.25	79.30	12.30	8.40	13.60	67.30	19.10
Assam	87.95	0.46	10.11	46.95	37.81	13.40	88.30	11.10	0.60	47.00	45.80	7.20
Bihar	94.29	0.89	3.48	52.00	39.60	8.33	97.80	1.10	1.00	58.50	32.60	8.70
Goa	86.42	7.73	5.85	39.09	48.33	12.39	89.70	3.50	6.80	54.40	40.60	4.90
Gujarat	94.34	2.16	3.46	58.23	36.51	5.26	92.40	5.40	2.20	57.50	31.20	11.30
Haryana	96.09	2.07	1.74	67.68	27.50	4.41	96.60	1.90	1.50	56.90	35.50	7.60
Himachal Pradesh	90.66	4.87	3.42	47.18	46.29	6.53	91.70	6.90	1.40	35.60	59.10	5.20
Jammu and Kashmir	97.27	1.28	1.38	82.27	12.17	5.55	97.10	1.50	1.40	65.10	31.80	3.10
Karnataka	88.72	4.22	6.02	51.71	40.08	7.99	88.60	7.00	4.50	48.10	46.40	5.40
Kerala	91.33	3.82	4.82	80.44	13.26	6.30	94.00	3.00	3.00	80.90	15.50	3.60
Madhya Pradesh	87.44	2.00	10.43	61.05	29.62	8.28	95.30	2.10	2.60	59.00	34.60	6.40
Maharashtra	86.31	6.31	7.49	49.85	42.13	7.92	89.20	6.30	4.40	53.80	37.40	8.90
Manipur	98.56	-	1.07	89.49	6.91	3.96	99.00	0.20	0.80	83.00	14.00	2.90
Meghalaya	93.82	2.76	3.42	34.18	44.03	21.80	95.00	2.70	2.30	44.70	49.80	5.40
Mizoram	86.26	12.99	0.45	70.40	28.14	1.34	99.50	0.60	-	81.40	16.80	1.80
Nagaland	..	..	..	33.73	39.85	26.42	94.70	4.60	0.70	44.60	52.70	2.70
Orissa	92.31	2.48	5.04	43.59	40.63	15.67	93.90	2.60	3.50	45.10	142.00	12.90
Punjab	92.44	2.83	4.58	64.35	27.60	7.90	96.30	2.60	1.00	65.80	30.00	4.10
Rajasthan	90.15	5.90	3.90	66.02	27.40	6.58	95.60	3.20	1.20	68.40	27.30	4.40
Sikkim	82.50	12.63	4.45	21.86	75.02	3.12	73.40	25.30	1.30	21.20	72.70	6.20
Tamil Nadu	83.87	7.74	8.36	46.26	45.50	8.12	86.60	8.20	5.20	43.10	43.20	13.70
Tripura	87.87	4.53	7.60	59.89	37.81	2.30	93.50	2.80	3.60	75.50	18.80	5.80
Uttar Pradesh	96.16	1.48	2.25	62.67	29.52	7.53	97.20	1.50	1.50	67.30	27.20	5.50
West Bengal	93.00	1.79	5.11	47.42	42.94	9.57	94.50	1.60	3.80	52.50	39.50	7.90
<b>Union Territories:</b>												
A. & N. Islands	49.52	12.00	38.48	18.44	50.69	30.83	54.50	33.10	12.40	24.40	65.90	9.70
Chandigarh	34.44	64.55	1.01	18.51	73.46	8.02	47.40	45.30	7.30	26.50	46.50	27.10
D. & N. Haveli	78.31	7.81	13.88	49.01	39.84	11.16	93.20	2.90	3.90	53.50	38.20	8.30
Daman and Diu	85.41	8.12	6.48	92.79	7.21	-	74.30	23.90	1.80	70.60	22.90	6.50
Delhi	83.86	8.71	7.44	52.66	37.06	10.23	44.00	48.30	7.70	40.40	30.30	29.20
Lakshadweep	83.70	10.28	6.02	66.57	19.02	14.41	88.10	11.90	-	80.50	18.80	0.70
Pondicherry	88.44	4.27	7.30	72.12	25.55	2.32	84.60	7.10	8.40	62.90	26.10	11.00

Sources: 1. Office of the Registrar General India  
2. National Sample Survey Organisation

## Notes:

1. In case of NSS 44th Round; data for different type of ownership may not add upto 100, the remainder accounts for "not recorded". In case of NSS 50th Round, the households having "no dwellings" have been included in "others".
2. In case of Nagaland, results of rural sector has not been provided as the sample was not really representative of rural Nagaland.

Table 36.10-DISTRIBUTION OF HOUSEHOLDS BY SIZE OF DWELLING UNITS OCCUPIED

Size of Dwelling Units Occupied	1991			1981		
	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
No Exclusive Room	0.03	0.02	0.04	0.65	0.69	0.52
One Room	40.49	40.82	39.55	44.72	44.38	45.80
Two Rooms	30.58	30.65	30.37	28.62	28.87	27.85
Three Rooms	13.85	13.50	14.82	12.22	12.23	12.21
Four Rooms	7.14	6.92	7.77	6.31	6.30	6.32
Five Rooms	3.16	3.18	3.14	2.70	2.75	2.54
Six on More Rooms	3.86	3.87	3.83	3.08	3.05	3.16
<b>Unspecified No. of Rooms</b>	0.89	1.04	0.48	1.70	1.73	1.60
<b>Total</b>	100.00	100.00	100.00	100.00	100.00	100.00

Source: Office of the Registrar General of India

Note: Data for the years 1981 and 1991 exclude Assam and Jammu & Kashmir respectively. Besides these exclude institutional population.

**Table 36.11-DISTRIBUTION OF HOUSEHOLD BY SOURCE OF DRINKING WATER**

Source of Drinking water	1991			1981			44th Round		50th Round	
	Total	Rural	Urban	Total	Rural	Urban	Rural	Urban	Rural	Urban
1	2	3	4	5	6	7	8	9	10	11
Tap	32.26	20.64	65.06	23.03	10.29	63.24	15.47	72.11	8.72	70.50
Well	32.23	38.01	15.91	51.71	61.63	20.40	39.12	9.17	52.28	12.78
Tubewell/handpump	30.04	34.90	16.32	15.16	16.21	11.82	39.10	17.20	27.36	14.34
Tank/pond	1.33	1.69	0.31	2.77	3.38	0.86	2.19	0.28	3.78	0.58
River, canal and lake	2.01	2.58	0.35	3.92	4.93	0.74	2.42	0.32	5.15	0.60
Others	2.13	2.17	2.04	3.41	3.56	2.94	1.70	0.91	2.71	1.20
<b>Total</b>	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Sources: 1. Office of the Registrar General of India,  
2. National Sample Survey Organisation

## Notes :

1. NSS 44th and NSS 50th Rounds have reference periods as July 1988-June 1989 and July 1993-June 1994 respectively.
2. Data for the Census years 1981 and 1991 exclude Assam and Jammu & Kashmir respectively.





Table 36.12-DISTRIBUTION OF HOUSEHOLDS HAVING SAFE DRINKING WATER FACILITIES

	1991			1981		
All-India/States/ Union Territories	Total	Rural	Urban	Total	Rural	Urban
1	2	3	4	5	6	7
All-India (1)	62.30	55.54	81.38	38.19	26.50	75.06
States:						
Andhra Pradesh	55.08	48.98	73.82	25.89	15.12	63.27
Arunachal Pradesh	70.02	66.87	88.20	43.89	40.16	87.93
Assam	45.86	43.28	64.07	..	..	..
Bihar	58.76	56.55	73.39	37.64	33.77	65.36
Goa	43.41	30.54	61.71	22.50	8.57	52.31
Gujarat	69.78	60.04	87.23	52.41	36.16	86.78
Haryana	74.32	67.14	93.18	55.11	42.94	90.72
Himachal Pradesh	77.34	75.51	91.93	44.50	39.56	89.56
Jammu and Kashmir	-	-	-	40.28	27.95	86.67
Karnataka	71.68	67.31	81.38	33.87	17.63	74.40
Kerala	18.89	12.22	38.68	12.20	6.26	39.72
Madhya Pradesh	53.41	45.56	79.45	20.17	8.09	66.65
Maharashtra	68.49	54.02	90.50	42.29	18.34	85.56
Manipur	38.72	33.72	52.10	19.54	12.91	38.71
Meghalaya	36.16	26.82	75.42	25.11	14.26	74.40
Mizoram	16.21	12.89	19.88	4.88	3.57	8.79
Nagaland	53.37	55.60	45.47	45.63	43.43	57.18
Orissa	39.07	35.32	62.83	14.58	9.47	51.33
Punjab	92.74	92.09	94.24	84.56	81.80	91.13
Rajasthan	58.96	50.62	86.51	27.14	13.00	78.65
Sikkim	73.19	70.98	92.95	30.33	21.70	71.99
Tamil Nadu	67.42	64.28	74.17	43.07	30.97	69.44
Tripura	37.18	30.60	71.12	27.33	22.17	67.92
Uttar Pradesh	62.24	56.62	85.78	33.77	25.31	73.23
West Bengal	81.98	80.26	86.23	69.65	65.78	79.78
Union Territories:						
A. & N. Islands	67.87	59.43	90.91	51.64	36.35	91.95
Chandigarh	97.73	98.11	97.68	99.09	94.39	99.39
D. & N. Haveli	45.57	41.17	90.97	19.35	16.85	54.35
Daman and Diu	71.42	56.87	86.76	54.48	46.42	67.04
Delhi	95.78	91.01	96.24	92.97	62.26	94.91
Lakshadweep	11.90	3.41	18.79	2.19	0.97	3.65
Pondicherry	88.75	92.86	86.05	80.59	76.88	84.18

Source: Office of the Registrar General of India

(1) Excludes Assam in 1981 and Jammu &amp; Kashmir in 1991.

Table 36.13-DISTRIBUTION OF HOUSEHOLDS HAVING ELECTRICITY

(Percentage)

All-India/States/ Union Territories	1991			NSS 49th Round		NSS 50th Round	
	Total	Rural	Urban	Rural	Urban	Rural	Urban
1	2	3	4	5	6	7	8
<b>All-India</b>	42.37	30.54	75.78	36.5	80.9	37.1	82.8
<b>States</b>							
Andhra Pradesh	46.30	37.50	73.31	49.9	81.4	49.2	81.9
Arunachal Pradesh	40.85	33.88	80.96	27.3	87.3	46.7	89.5
Assam	18.74	12.44	63.21	15.6	74.0	14.2	73.7
Bihar	12.57	5.57	58.77	6.7	67.8	6.4	65.3
Goa	84.69	81.82	88.77	92.2	87.8	94.9	93.0
Gujarat	65.93	56.43	82.96	66.1	86.4	67.5	89.7
Haryana	70.35	63.20	89.13	74.4	90.5	74.6	89.8
Himachal Pradesh	87.01	85.86	96.24	89.1	95.7	91.4	99.2
Jammu and Kashmir	..	..	..	74.1	98.2	82.7	99.6
Karnataka	52.47	41.75	76.27	50.0	78.0	54.5	83.2
Kerala	48.43	41.95	67.65	53.5	77.3	56.5	78.4
Madhya Pradesh	43.30	34.49	72.52	42.7	81.5	44.9	87.3
Maharashtra	69.40	58.45	86.07	60.9	90.5	58.6	90.4
Manipur	50.92	41.73	75.45	58.1	92.6	58.8	93.3
Meghalaya	29.16	16.34	83.04	27.2	89.8	32.2	92.8
Mizoram	59.20	35.47	85.50	61.4	91.3	43.5	97.4
Nagaland	53.42	47.16	75.58	68.4	94.0	81.9	87.0
Orissa	23.54	17.45	62.11	14.6	62.5	14.6	69.6
Punjab	82.31	76.98	94.60	85.0	94.1	87.3	95.9
Rajasthan	35.03	22.44	76.67	37.7	85.9	41.0	88.7
Sikkim	60.66	57.12	92.37	65.3	91.9	81.6	96.0
Tamil Nadu	54.74	44.49	76.80	50.5	81.6	54.0	81.7
Tripura	36.93	28.50	80.43	30.2	83.5	42.1	79.4
Uttar Pradesh	21.91	10.96	67.76	17.5	72.2	17.7	74.1
West Bengal	32.90	17.75	70.19	10.3	68.6	11.2	71.4
<b>Union Territories:</b>							
A. & N. Islands	63.52	53.62	90.55	66.0	96.8	70.9	94.9
Chandigarh	83.12	65.25	85.48	77.6	90.2	74.0	87.5
D. & N. Haveli	54.42	51.20	87.57	77.0	87.9	65.1	89.1
Daman and Diu	94.13	92.87	95.46	97.2	95.8	95.8	94.8
Delhi	79.48	59.85	81.38	100.0	93.6	93.3	97.8
Lakshadweep	98.46	97.65	99.11	99.9	97.0	100.0	99.1
Pondicherry	63.58	51.20	71.71	62.9	94.3	45.0	76.9

Sources: 1. Office of the Registrar General of India,  
2. National Sample Survey Organisation

Notes: 1. All India figures exclude Assam in 1981 and Jammu & Kashmir in 1991.  
2. NSS 49th Round has the reference period as Jan.1993-June 1993.  
3. NSS 50th Round has the reference period as July 1993- June 1994.

**Table 36.14-PER 1000 DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE**  
**-NSS 49th Round(Jan.-June93)**

(Rural)

States/U.Ts.	Type of Latrine						Total	No. of sample house holds
	No Latrine	Service Laterine	Septic tank	Flush System	Others	n.r.		
(1)	2	3	4	5	6	7	8	9
<b>All-India</b>	858	24	55	8	52	3	1000	75030
<b>States</b>								
Andhra Pradesh	870	26	50	7	45	2	1000	5474
Arunachal Pradesh	84	157	16	6	436	1	1000	1290
Assam	296	160	68	3	471	1	1000	3280
Bihar	926	11	42	1	15	5	1000	6857
Goa	696	58	165	1	80	0	1000	234
Gujarat	831	10	85	39	36	1	1000	2557
Haryana	935	5	25	15	13	7	1000	1136
Himachal Pradesh	869	8	67	37	18	2	1000	1959
Jammu & Kashmir	961	4	13	12	9	1	1000	1009
Karnataka	888	0	62	15	31	4	1000	2913
Kerala	331	2	263	11	390	4	1000	2895
Madhya Pradesh	973	5	13	2	2	4	1000	5780
Maharashtra	924	19	51	1	3	2	1000	5053
Manipur	150	161	4	23	662	-	1000	1070
Meghalaya	551	4	31	0	409	5	1000	1104
Mizoram	21	146	28	3	803	-	1000	987
Nagaland	12	299	80	1	608	-	1000	526
Orissa	974	3	14	-	6	3	1000	3187
Punjab	792	10	157	22	17	2	1000	1892
Rajasthan	903	13	34	10	32	7	1000	3286
Sikkim	389	25	194	30	363	-	1000	448
Tamil Nadu	917	149	64	3	7	0	1000	4244
Tripura	66	140	30	0	763	1	1000	1616
Uttar Pradesh	911	43	29	10	4	4	1000	9762
West Bengal	831	55	70	1	63	0	1000	4718
<b>Union Territories:</b>								
A. & N. Islands	679	20	193	-	109	-	1000	701
Chandigarh	679	-	38	283	-	-	1000	128
D. & N. Haveli	936	-	1	63	1	-	1000	320
Daman & Diu	740	-	260	-	-	-	1000	128
Delhi	438	3	507	52	-	-	1000	92
Lakshadweep	81	-	174	-	744	-	1000	80
Pondicherry	910	27	63	-	-	-	1000	304

Source: National Sample Survey Organisation

**Table 36.14-PER 1000 DISTRIBUTION OF HOUSEHOLDS BY TYPE OF LATRINE -Concl'd.**  
**-NSS 49th Round(Jan.-June93)**

(Urban)

States/U.Ts.	Type of Latrine						Total	No. of sample house holds
	No Latrine	Service Latrine	Septic tank	Flush System	Others	n.r.		
(1)	10	11	12	13	14	15	16	17
<b>All-India</b>	306	74	296	285	38	1	1000	44367
<b>States</b>								
Andhra Pradesh	368	33	360	204	35	1	1000	3365
Arunachal Pradesh	60	89	370	199	282	-	1000	256
Assam	70	147	551	32	198	0	1000	1136
Bihar	351	72	463	71	40	3	1000	1980
Goa	223	-	608	101	69	-	1000	181
Gujarat	272	8	239	468	8	6	1000	2287
Haryana	316	75	122	479	9	-	1000	636
Himachal Pradesh	270	53	253	411	11	3	1000	448
Jammu & Kashmir	321	267	214	176	10	12	1000	430
Karnataka	352	21	263	319	45	-	1000	2488
Kerala	157	2	442	64	332	1	1000	1408
Madhya Pradesh	433	99	298	165	4	1	1000	3049
Maharashtra	231	29	260	473	5	1	1000	5141
Manipur	51	111	130	2	707	-	1000	688
Meghalaya	13	179	545	65	199	-	1000	480
Mizoram	4	1	208	3	784	-	1000	448
Nagaland	9	282	389	57	263	-	1000	320
Orissa	554	58	305	64	19	0	1000	1006
Punjab	211	71	97	594	27	-	1000	1852
Rajasthan	372	73	310	195	46	4	1000	1837
Sikkim	85	284	470	44	117	-	1000	192
Tamil Nadu	361	64	329	237	9	0	1000	4192
Tripura	6	79	493	6	416	-	1000	512
Uttar Pradesh	325	235	140	291	8	1	1000	4366
West Bengal	212	56	541	114	75	1	1000	3447
<b>Union Territories:</b>								
A. & N. Islands	230	52	681	9	25	3	1000	384
Chandigarh	113	-	2	882	3	-	1000	241
D. & N. Haveli	307	42	271	380	-	-	1000	64
Daman & Diu	352	-	216	427	6	-	1000	192
Delhi	294	111	85	492	16	0	1000	957
Lakshadweep	289	-	250	3	458	-	1000	192
Pondicherry	193	36	438	310	24	-	1000	192

Source: National Sample Survey Organisation



Table 36.15-DISTRIBUTION OF HOUSEHOLDS HAVING TOILET FACILITIES

All India/States/ Union Territories	(Percentage)				
	Total	1991		49th Round*	
		Rural	Urban	Rural	Urban
1	2	3	4	5	6
<b>All India</b>	23.70	9.48	63.85	12.0	62.2
<b>States:</b>					
Andhra Pradesh	18.40	6.62	54.60	5.9	56.0
Arunachal Pradesh	47.42	42.62	75.05	55.7	90.1
Assam	37.43	30.53	86.06	67.1	88.5
Bihar	11.75	4.96	56.54	5.7	59.3
Goa	40.65	29.99	55.82	28.5	77.7
Gujarat	30.69	11.16	65.71	15.1	62.4
Haryana	22.45	6.53	64.25	5.7	59.9
Himachal Pradesh	12.39	6.42	59.98	11.5	66.0
Jammu and Kashmir	-	-	-	2.9	64.7
Karnataka	24.13	6.85	62.52	8.2	59.1
Kerala	51.28	44.07	72.66	63.8	82.3
Madhya Pradesh	15.07	3.64	53.00	1.9	50.5
Maharashtra	29.56	6.64	64.45	5.4	55.2
Manipur	43.13	33.02	70.16	79.9	94.0
Meghalaya	31.11	18.13	85.69	42.9	98.1
Mizoram	70.73	58.37	84.44	84.7	95.4
Nagaland	37.49	26.86	75.10	95.7	94.9
Orissa	9.81	3.58	49.27	2.2	43.7
Punjab	33.18	15.79	73.23	19.7	77.6
Rajasthan	19.57	6.65	62.27	8.0	60.1
Sikkim	34.97	30.89	77.69	60.4	88.4
Tamil Nadu	23.13	7.17	57.47	7.0	61.5
Tripura	67.93	62.43	96.32	87.5	94.8
Uttar Pradesh	18.02	6.44	66.54	7.9	64.3
West Bengal	31.51	12.31	78.75	15.3	73.5
<b>Union Territories:</b>					
A. & N. Islands	36.88	26.32	65.72	31.7	65.7
Chandigarh	70.80	3.05	79.77	4.2	87.4
D. & N. Haveli	15.42	10.59	65.14	6.0	60.1
Daman and Diu	26.57	8.39	45.75	26.0	58.4
Delhi	63.38	29.60	66.64	56.2	63.9
Lakshadweep	71.02	78.88	64.65	91.6	69.7
Pondicherry	34.88	11.85	50.02	9.0	80.7

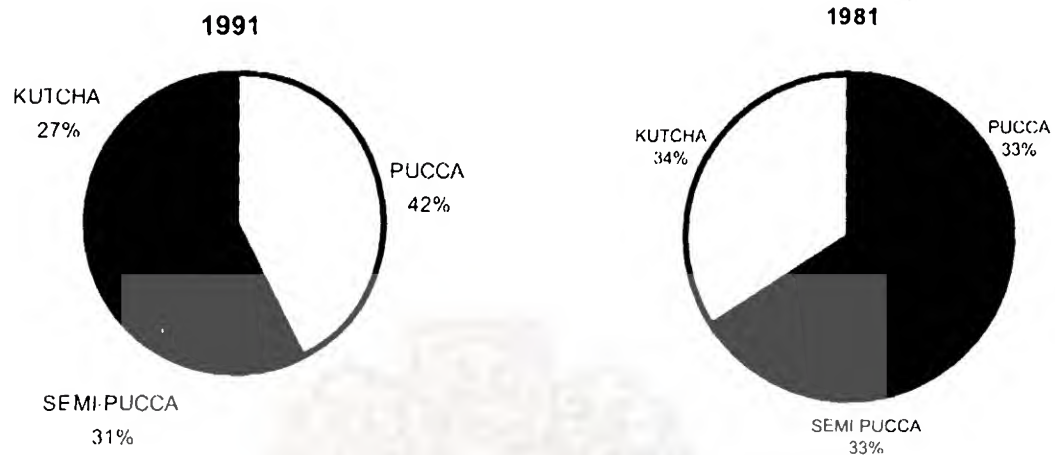
Sources: 1. Office of the Registrar General of India,  
2. National Sample Survey Organisation

\* Excluding 'Not Reported Data'.

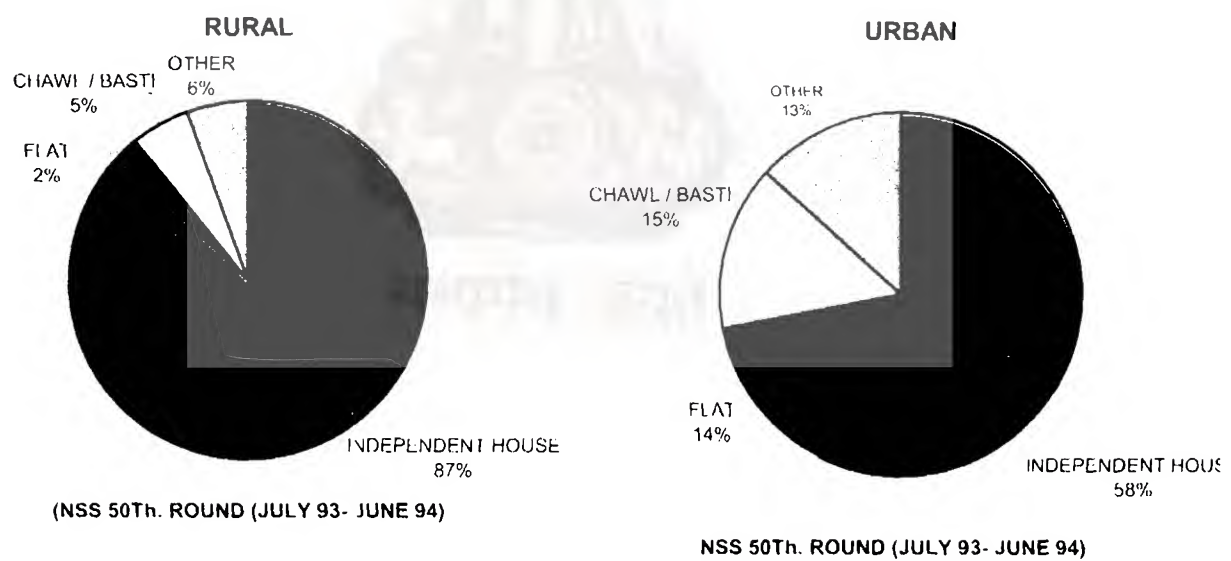
**Notes :**

1. All India figures exclude Assam in 1981 and Jammu and Kashmir in 1991.
2. NSS 49th Round has the reference period as Jan.1993-July 1993.

## HOUSEHOLDS LIVING IN PUCCA, SEMI-PUCCA AND KUTCHA HOUSES



## DISTRIBUTION OF HOUSEHOLDS BY TYPE OF DWELLINGS









**LOCAL BODIES**



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## CHAPTER 37

### Local Bodies

The term 'Local Bodies' refers to such institutions of Government which carry on the local affairs viz., Corporations, Municipalities, Notified Area Committees, Town Area Committees, District Boards, Panchayats etc. This section, however, presents data regarding income and expenditure of Municipal Corporations only. The information has been supplied by the individual corporations.

Municipal Corporations are relatively the most developed form of Local Self Government and have generally been established in metropolitan areas or big cities. By and large these have been constituted under specific legislative enactment. With growth of cities, corporations have been established in number of towns. They have wider powers and they enjoy more autonomy than the other local bodies. The chief executive authority of a corporation is the Commissioner who is independent of the elected body.

The corporation elects its Mayor and Deputy Mayor out of the elected members.

**Table 37.1**

This table provides data regarding income and expenditure of Municipal Corporations. Income has been presented by financial resources, namely (a) tax revenue and (b) non-tax revenue. The tax revenue, by and large, consists of the taxes on:

- (i) Property
- (ii) Service



- (iii) Octroi
- (iv) Terminal
- (v) Trade & Callings
- (vi) Animals and Vehicles
- (vii) Toll
- (viii) Miscellaneous

The Non-tax revenue generally comprises the following items:

- (i) Government grants
- (ii) Rents from municipal properties
- (iii) Revenue from municipal utilities and undertakings
- (iv) Licence and various other fees including those from municipal institutions
- (v) Interest on municipal investments, and
- (vi) Fines.

The expenditure of Municipal Corporations which generally comprises the following items:

- (i) General Administration & Collection of Revenue
- (ii) Public Health
- (iii) Safety and Convenience
- (iv) Education
- (v) Public Works
- (vi) Miscellaneous

The table contains data only for these Corporations for which latest data has been made available by the Corporation. For data relating to the other Corporations, the 1997 issue of the Abstract may be referred.

### Table 37.2

This table provides the information in three tier Panchayati Raj System as on 31 March 1996 besides number of districts, DRDAs and blocks.

Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS

(Rs. '000)

States/Local Bodies	GUJARAT- AHMEDABAD						
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	1109508	1330298	1595474	1737704	2262774	2830071	2271367
Property	161769	214914	215599	242002	428015	353253	898781*
Service	135877	130785	140498	185893	287397	429384	-
Octroi	800230	972484	1228956	1295768	1531401	2029819	2249270
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	9976	10453	8982	12491	14366	15989	20203
Miscellaneous	1656	1662	1439	1550	1595	1626	1894
II. Non-tax revenue	152318	161138	120294	147584	233106	260780	255323
III. Ordinary grants	224812	255116	273033	312318	358762	451325	446542
Total ordinary income	1486638	1746552	1988801	2197606	2854642	3542176	2973232
<b>B. Expenditure</b>							
I. Ordinary Expenditure	1386458	1510879	1708408	1914832	2152789	2595930	2873063
General administra- tion & collection of revenue	209584	245301	281285	320098	357514	442815	464465
Public health	602029	666088	748587	873120	952400	1110892	1272003
Safety & conve- nience	72833	82913	97233	94480	110991	144198	143832
Education	325552	347936	394580	444813	482712	576848	633758
Public works	68374	81832	92810	97194	161105	196422	213108
Miscellaneous	108086	86809	93913	85127	88067	124755	145897
II. Repayment of loan	217916	237634	289762	334098	323967	352560	346429
Total revenue expen- diture	1604374	1748513	1998170	2248930	2476756	2948490	3219492
Total wages and salaries paid to all employees	633288	692083	774874	839266	956103	1137390	1383515

Note: Repayment of loan also includes interest paid on loan during respective year.

\* Data relates to property and service.

Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS - Contd.

(Rs. '000)

States/Local Bodies		GUJARAT - BARODA					
Source of income/ Head of expenditure	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	548761	599313	731667	798340	982156	1044884	1179334
Property	107719	118650	115709	107188	88912	107261	159426
Service	62372	63213	73412	67967	109895	115436	189395
Octroi	351693	375471	488416	578422	732821	757324	827771
Terminal	-	-	-	-	-	-	-
Trades & callings	642	975	1452	1012	858	746	1313
Animal & vehicles	999	1357	554	761	913	904	1429
Toll	-	-	-	-	-	-	-
Miscellaneous	25336	39647	52124	42990	48757	63213	..
II. Non-tax revenue	57070	54676	63614	51411	30019	56721	67743
III. Ordinary grants	90176	103223	105864	152579	149001	160031	216915
Total ordinary income	696007	757212	901145	1002330	1161176	1261636	1463992
<b>B. Expenditure</b>							
I. Ordinary Expenditure	597429	650126	689366	773464	894365	978992	1068174
General administration & collection of revenue	173809	191939	211734	233998	275171	301534	308914
Public health	16334	17503	19714	23168	20641	21766	27944
Safety & convenience	33832	46763	45750	54003	55910	58031	68944
Education	100397	114200	119683	147007	181465	193381	195095
Public works	35327	65747	44910	49714	51818	54993	67369
Miscellaneous	237730	213974	247575	265574	309360	349287	399908
II. Repayment of loan	70373	80877	81524	207808	228715	257624	211020
Total revenue expenditure	667802	731003	770890	981272	1123080	1236616	1279194
Total wages and salaries paid to all employees	238012	256113	283491	356904	376988	394834	420055

(1) The Baroda Municipal Corporation was establishment on 1-4-1966.



Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS - Contd.

(Rs.'000)

States/Local Bodies		GUJARAT - BHAVNAGAR					
Source of income/ Head of expenditure	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	100585	122516	139214	193569	212176	259565	272276
Property	10137	12046	17363	20021	24804	24674	24228
Service	15162	17339	15992	36835	27648	30165	23186
Octroi	58457	71853	81495	107580	133830	180019	202545
Terminal	-	-	-	-	-	-	-
Trades & callings	6497	7642	6857	6752	7381	7200	1601
Animal & vehicles	329	628	388	570	836	669	1214
Toll	-	-	-	-	-	-	-
Miscellaneous	10003	13008	17119	21811	17677	16838	19502
II. Non-tax revenue	2308	1832	2497	8954	11867	13883	18186
III. Ordinary grants	35784	34955	39795	43523	52582	64854	67299
Total ordinary income	138677	159303	181506	246046	276625	338302	357761
<b>B. Expenditure</b>							
I. Ordinary Expenditure	130945	151248	172573	199839	250616	274655	304357
General administration & collection of revenue	29580	30940	35505	37152	50904	64647	66002
Public health	3984	6269	7283	10146	12177	14143	13715
Safety & convenience	48923	62908	75818	85352	103468	110202	141913
Education	27819	28257	29848	37532	48267	55221	59272
Public works	11262	13535	16909	14278	17750	17436	14383
Miscellaneous	9377	9339	7210	15379	18050	13006	9072
II. Repayment of loan	8398	5520	2438	9187	10213	7204	4196
Total revenue expenditure	139343	156768	175011	209026	260829	281859	308553
Total wages and salaries paid to all employees	55653	73486	93170	95028	137695	147694	176286

Data prior to 1980-81 are not available.

Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS - Contd.

(Rs. '000)

States/Local Bodies	GUJARAT - SURAT						
Source of income/ Head of expenditure	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8
A. Income							
I. Tax Revenue	744037	910775	1224094	1443948	1875639	2129036	2440933
Property	103248	141133	186310	270312	404018	466694	591960
Service	37428	44257	55715	10215	9700	17975	12257
Octroi	600313	722837	979793	1123051	1399576	1582778	1813268
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	2039	2006	1507	1740	1197	1558	1430
Toll	-	-	-	-	-	-	-
Miscellaneous	1009	542	769	38630	61148	60031	22018
II. Non-tax revenue	43697	58980	76552	116321	150330	295756	232283
III. Ordinary grants	44444	54989	91206	86550	149531	205933	166116
Total ordinary income	832178	1024744	1391852	1646819	2175500	2630725	2839332
B. Expenditure							
I. Ordinary Expenditure	585938	767451	871359	520644	651671	925100	1077888
General administra- tion & collection of revenue	124882	94357	117104	146109	162359	212989	276750
Public health	275306	360812	393565	110747	129819	229593	255917
Safety & convenience	33568	40146	36284	1790	5307	16545	11979
Education	49184	47802	48839	57000	71500	77800	79356
Public works	84654	147317	173953	55704	77226	126094	453838
Miscellaneous	18344	77017	101614	149294	185640	262079	48
II. Repayment of loan	46991	59087	82929	22855	26888	29888	35883
III. Contribution for capital work	248366	285228	224560	377922	674094	1131575	950230
Total revenue expenditure	881295	1111766	1178848	921421	1352653	1748277	1879334
Total wages and salaries paid to all employees	321640	442493	471348	547982	712695	823177	801446

Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS - Contd.

(Rs. '000)

States/Local Bodies	HIMACHAL PRADESH- SHIMLA							
	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
Source of income/ Head of expenditure	1	2	3	4	5	6	7	8
<b>A. Income</b>								
I. Tax Revenue	20457	22787	25733	27773	20719	29325	29542	56066
Property	9400	13061	13892	15410	9802	15532	14862	20698
Service	-	-	-	-	-	-	-	-
Octroi	6000	7338	8806	8806	8806	10127	11140	34960
Terminal	-	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-	-
Animal & Vehicles	3501	1	1	2	1	1	1	1
Toll	-	-	-	-	-	-	-	-
Miscellaneous	1556	2387	3034	3555	2110	3665	3539	407
II. Non-tax revenue(2)	40203	1621	1890	11995	9445	14727	15958	26538
III. Ordinary grants	8000	2244	1346	5526	8000	8000	8500	8000
Total ordinary income	68660	26652	28969	45294	38164	52052	54000	90604
<b>B. Expenditure</b>								
I. Ordinary Expenditure	45243	36044	37936	43919	49704	74214	84193	111631
General administration & collection of revenue	10310	8104	7707	9703	10554	14627	16767	35598
Public health	18559	15949	17033	18871	20213	28592	25329	32840
Safety & convenience	520	-	-	-	-	-	-	-
Education	27	17	20	13	33	35	31	37
Public works	5339	5611	6025	7601	10373	19523	30872	29492
Miscellaneous	10488	6363	7151	7731	8531	11437	11194	13664
II. Repayment of loans	-	-	-	-	-	-	-	-
Total revenue expenditure	45243	36044	37936	43919	49704	74214	84193	111631
Total wages and salaries paid to all employees	23282	22656	24050	32228	34458	42224	48146	61622

(1) Shimla Municipal Corporation was established on 1.4.1970.

(2) Relates to Government grants, rent, license and various other fees, interest on municipal investments and fine.

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies	KERALA - CALICUT					
Source of income	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7
<b>A. Income</b>						
I. Tax Revenue	33841	51668	60260	72152	74671	71591
Property	26357	27989	31755	36086	33469	40417
Service	-	-	-	-	-	-
Octroi	-	-	-	-	-	-
Terminal	-	-	-	-	-	-
Trades & callings	1231	14983	18834	5134	6511	7803
Animal & vehicles	-	-	-	-	-	-
Toll	-	-	-	-	-	-
Miscellaneous	6253	8696	9671	30932	34691	23371
II. Non-tax revenue	31868	34480	52129	56076	60745	69480
III. Ordinary grants	5830	7753	941	839	839	671
Total ordinary income	71539	93901	113330	129067	136255	141742
<b>B. Expenditure</b>						
I. Ordinary Expenditure	59330	71492	97805	85736	92586	119883
General administration & collection of revenue	10611	11907	14854	13681	15583	17727
Public health	19753	24707	39699	33922	39503	48680
Safety & convenience	-	-	-	-	-	-
Education	-	-	-	-	-	-
Public works	20492	24386	35655	32534	29344	40692
Miscellaneous	8474	10492	7597	5599	8156	12784
II. Repayment of loan	9615	7603	12570	12682	17804	12665
Total revenue expenditure	68945	79095	110375	98418	110390	132548
Total wages and salaries paid to all employees	29377	36331	52591	44215	55270	60696



Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies	MAHARASHTRA - AMRAVATI						
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	82311	107053	103828	159225	158562	168990	211585
Property	16436	30593	21032	40478	31326	31558	41832
Service	-	-	-	-	-	-	-
Octroi	64926	75077	81084	113847	122337	130449	160017
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	22	20	22	22	55	65	61
Toll	-	-	-	-	-	-	-
Miscellaneous	927	1363	1690	4878	4844	6918	9675
II. Non-tax revenue	6472	7591	8340	14578	4086	11873	4663
III. Ordinary grants	20684	35925	53589	76050	12371	20549	27143
Total ordinary income	109467	150569	165757	249853	175019	201412	243391
<b>B. Expenditure</b>							
I. Ordinary Expenditure	61300	68785	75256	135312	82818	99411	135054
General administra- tion & collection of revenue	13787	15862	17666	24219	20033	19535	34065
Public health	8176	11054	10534	10604	23680	27490	38028
Safety & conve- nience	4987	4202	4445	8681	10246	11889	15292
Education	5292	5830	5741	7803	8840	10227	21204
Public works	20818	26318	30859	74058	18701	29554	22671
Miscellaneous	8240	5519	6011	9947	1318	1716	3794
II. Repayment of loan	2418	1986	1690	1849	1858	1979	2166
Total revenue expenditure	63718	70771	76946	137161	84676	101390	137220
Total wages and salaries paid to all employees	56858	68085	75719	82663	93098	98994	111566

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies		MAHARASTRA-MUMBAI					
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	5587277	6296756	6912187	9386401	13730475	12568145	14487936
Property	882156	950556	1078998	1329757	1234481	3867757	5102813
Service	639898	687246	708134	1559460	2221760	2507594	
Octroi	4031145	4621814	5090087	6454890	7724127	8649358	9339780
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	31123	33703	31842	39068	44898	48166	..
Toll	-	-	-	-	46	46	..
Miscellaneous	2955	3437	3126	3226	2505163	2626048	..
II. Non-tax revenue	3172786	3426803	3357964	4344473	2078810	5165033	6740064
III. Ordinary grants	89027	313011	390847	461287	409148	452168	935070
Total ordinary income	8849090	10036570	10660998	14192161	16218433	18235764	2218242
<b>B. Expenditure</b>							
I. Ordinary Expenditure	6989879	8090782	10078415	11493574	14537018	18384571	22793725
General administration & collection of revenue	370907	375788	618806	676228	774435	881870	1010726
Public health	1876253	2205872	2912910	3058249	2441653	2944823	3336734
Safety & convenience	470822	459355	564513	979758	190661	385125	463015
Education	1097856	1264105	1618982	1687507	2343979	2608543a	2982657a
Public works	960985	1200179	1460673	1415661	4996567	6097853b	8035334b
Miscellaneous	2213056	2585483	2902531	3676171	3789723	5851482	7428274
II. Repayment of loan	618605	742646	929094	1218697	186500	364000	396400
Total revenue expenditure	7608484	8833428	11007509	12712271	14723518	19133696	23653140
Total wages and salaries paid to all employees	4697348	5148720	6571606	7726257	9517100	8952500	12052500

(a) Relates to primary and secondary education.

(b) Relates to water supply, sewerage, storm water drainage, solid waste collection &amp; disposal, Roads Maintenance and Bridges, Street lighting and Fire Services.

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies	MAHARASHTRA - NAGPUR						
Source of income/ Head of expenditure	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	5	6	7	8	9	10	11
<b>A. Income</b>							
I. Tax Revenue	444906	510215	627732	736977	905895	984993	1215995
Property	60885	71581	79974	83517	102695	90827	141719
Service	38737	47311	52047	63848	62903	63119	111252
Octroi	317818	350508	458139	561477	692422	784804	890725
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	-	-	-	-	-	-	-
Toll	-	-	-	-	-	-	-
Miscellaneous	27466	40815	37572	28135	47845	46243	72299
II. Non-tax revenue	112636	129212	152218	175074	181320	186124	244459
III. Ordinary grants	147386	169141	106761	151851	272242	277876	250093
Total ordinary income	704928	808568	886711	1063902	1359457	1448993	1710547
<b>B. Expenditure</b>							
I. Ordinary Expenditure	714995	875978	982146	1038025	1293607	1319711	1630712
General administration & collection of revenue	125464	139252	140062	147868	178531	188567	261115
Public health	277311	381631	441730	465681	563267	533389	613883
Safety & convenience	49738	54684	64005	64475	83025	85610	131850
Education	88855	103003	120539	140037	156862	156645	178494
Public works	132660	176649	191168	210215	304210	345892	373285
Miscellaneous	40967	20759	24642	9749	7712	9608	72095
II. Repayment of loan	63632	59284	57498	66221	85015	47921	66075
Total revenue expenditure	778627	935262	1039644	1104246	1378622	1367632	1696787
Total wages and salaries paid to all employees	275569	308329	340470	387707	449841	491076	558375

Table 37.1 - INCOME AND EXPENDITURE OF CORPORATIONS - Contd.

(Rs. '000)

States/Local Bodies		MAHARASHTRA - PIMPRI CHINCHWAD				
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
1	2	3	4	5	6	7
<b>A. Income</b>						
I. Tax Revenue	568408	673322	744053	820753	1054648	1444727
Property	33404	35008	45985	59549	55283	107339
Service	9037	9426	14614	22205	29324	26388
Octroi	525967	628888	683454	738999	970041	1311000
Terminal	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-
Animal & vehicles	-	-	-	-	-	-
Toll	-	-	-	-	-	-
Miscellaneous	-	-	-	-	-	-
II. Non-tax revenue	55629	49656	45342	65053	73099	88970
III. Ordinary grants	8921	24235	5798	43196	27532	25781
Total ordinary income	632958	747213	795193	929002	1155279	1559478
<b>B. Expenditure</b>						
I. Ordinary Expenditure	686398	744032	823576	832409	948716	856856
General administration & collection of revenue	47508	55942	67959	77742	75140	90010
Public health	262575	321635	343345	322844	337913	343433
Safety & convenience	61763	58250	55683	74849	56242	71377
Education	86849	79562	92751	73757	83227	102492
Public works	218627	192814	223802	156878	130491	164403
Miscellaneous	9076	35829	40036	126339	265703	85141
II. Repayment of loan	-	-	-	-	58888	-
Total revenue expenditure	686398	744032	823576	832409	1007604	856856
Total wages and salaries paid to all employees	164604	188534	181511	206565	313938	342636



Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies	MAHARASHTRA - PUNE						
Source of income/ Head of expenditure	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	839754	1054524	1081861	1283500	1766100	1998900	2408800
Property	133349	148340	160182	169700	211800	226200	259000
Service	211811	290184	310487	308700	361800	342200	517800
Octroi	493594	612600	608992	805100	1192500	1430500	1632000
Terminal	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-
Animal & vehicles	-	-	-	-	-	-	-
Toll	-	-	-	-	-	-	-
Miscellaneous	1000	3400	2200	-	-	-	-
II. Non-tax revenue	167700	130117	190389	256100	493100	511300	540900
III. Ordinary grants	120150	192450	203050	228600	273000	226300	380800
Total ordinary income	1127604	1377091	1475300	1768200	2532200	2736500	3330500
<b>B. Expenditure</b>							
I. Ordinary Expenditure	1075984	1355056	1534378	1885581	2101537	2865879	3412900
General administration & collection of revenue	167652	177670	202203	186019	200912	259993	289783
Public health	185379	219908	254194	285780	342172	385721	455966
Safety & convenience	9115	11742	13704	14845	19552	19382	26473
Education	179681	207460	231403	266093	287527	338302	425905
Public works	214238	265666	329519	514044	677614	873458	954527
Miscellaneous	319919	472610	503355	618800	573760	989023	1260246
II. Repayment of loans (1)	51523	55760	59622	57219	58363	62821	81100
Total revenue expenditure	1127507	1410816	1594000	1942800	2159900	2928700	3494000
Total wages and salaries paid to all employees	382849	435750	573017	710580	826190	928700	1062300

(1) Repayments of loans made from Siniking Fund are as follows:

Year	(Rs. '000)	Year	(Rs. '000)
1970-71	2022	1975-61	2022

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies		MAHARASHTRA - SOLAPUR						
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>A. Income</b>								
I. Tax Revenue	182477	196417	242072	282646	325275	413148	413873	446502
Property	27352	22768	21737	22265	32284	41693	38975	44154
Service	35322	41566	43604	49690	60511	79949	82386	88796
Octroi	115673	126776	172451	203648	227082	285519	293028	306962
Terminal	-	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-	-
Animal & vehicles	-	-	-	-	-	-	-	-
Toll	-	-	-	-	-	-	-	-
Miscellaneous	4130	5307	4280	7043	5398	5987	5485	6591
II. Non-tax revenue	40649	38513	48807	77251	85539	90506	142861	174331
III. Ordinary grants	34944	44795	32820	6538	14005	6725	12465	13134
Total ordinary income	258070	279725	323699	366435	424819	510379	569199	633967
<b>B. Expenditure</b>								
I. Ordinary Expenditure	239274	268510	312857	350882	389397	449726	493311	570208
General administration & collection of revenue	32794	35142	42910	49129	54137	60932	74960	88313
Public health	93451	101118	121280	153058	167090	183538	210650	230710
Safety & convenience	7551	8637	9615	12127	13744	15570	16540	15862
Education	59350	76181	67491	43528	52843	57335	69424	52218
Public works	15622	17697	20245	27689	27598	31159	30834	34798
Miscellaneous	30500	29735	51316	65351	73985	101192	90903	148307
II. Repayment of loan	18692	11111	10239	15120	35229	59250	81609	63560
Total revenue expenditure	47966	279621	323096	366002	424626	508976	575001	633768
Total wages and salaries paid to all employees	80849	79820	104690	113267	131066	148561	163604	205690

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs. '000)

States/Local Bodies	PUNJAB - LUDHIANA						
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97
1	2	3	4	5	6	7	8
<b>A. Income</b>							
I. Tax Revenue	248627	311013	364446	515208	642311	773977	857443
Property	36963	39038	44304	72031	90141	112903	128333
Service	22151	19634	34711	50570	59404	69558	71994
Octroi	187474	217342	236530	316363	436092	506579	552445
Terminal	-	-	-	-	-	-	-
Trades & callings	-	27738	43641	71266	47459	75836	81012
Animal & vehicles	-	6361	4258	2214	2328	-	-
Toll	-	-	-	-	-	-	-
Miscellaneous	2039	900	1002	2764	6887	9101	23659
II. Non-tax revenue	38390	11921	12784	28128	46031	62212	48359
III. Ordinary grants	-	-	-	-	-	-	-
Total ordinary income	287017	322934	377230	543336	688342	836189	905802
<b>B. Expenditure</b>							
I. Ordinary Expenditure	313998	296763	356133	448183	641322	813019	949114
General administration & collection of revenue	211066	211066	227780	262050	287579	338167	387328
Public health	30790	-	-	-	-	9772	-
Safety & convenience	207	800	-	472	9516	9904	7540
Education	-	-	-	-	-	-	-
Public works	26313	76729	122504	165115	325001	424724	522025
Miscellaneous	45622	8168	5849	20546	19226	30452	32221
II. Repayment of loan	31522	18279	8707	32611	31011	9500	4518
Total revenue expenditure	345520	315042	364840	480794	672333	822519	953632
Total wages and salaries paid to all employees	150640	180100	191957	222478	242997	288344	333609

Note: Figures prior to 1980-81 are not available.

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs.'000)

States/Local Bodies	TAMILNADU - COIMBATORE				
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95
1	2	3	4	5	6
<b>A. Income</b>					
I. Tax Revenue	26807	33095	52762	86394	106809
Property	19840	23858	37231	69191	86363
Service	-	-	-	-	-
Octroi	-	-	-	-	-
Terminal	-	-	-	-	-
Trades & callings	3848	4592	4831	11788	13587
Animal & vehicles	5	6	6	17	50
Toll	-	-	-	-	-
Miscellaneous	3114	4639	10694	5398	6809
II. Non-tax revenue	66652	97589	120398	130563	117130
III. Ordinary grants	1952	3418	19510	6043	18113
Total ordinary Income	95411	134102	192670	223000	242052
<b>B. Expenditure</b>					
I. Ordinary Expenditure	92391	112982	150285	201355	286524
General administra- tion & collection of revenue	23100	26600	42000	54900	77698
Public health	49800	56900	64900	75800	89529
Safety & conve- nience	-	-	-	-	-
Education	2200	200	1107	600	3885
Public works	11000	23550	35900	62900	56877
Miscellaneous	6291	5732	6378	7155	58535
II. Repayment of loan	4800	5000	11372	8000	6979
Total revenue expen- diture	97191	117982	161657	209355	293503
Total wages and salaries paid to all emp- loyees	59800	63800	73600	84400	..



Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Contd.

(Rs.'000)

States/Local Bodies	UTTAR PRADESH-LUCKNOW					
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96
1	2	3	4	5	6	7
<b>A. Income</b>						
I. Tax Revenue	58064	68627	52553	60780	59983	66286
Property	27646	63748	47565	55735	52892	59568
Service	-	-	-	-	-	-
Octroi	26088	-	-	-	-	-
Terminal	-	-	-	-	-	-
Trades & callings	24	3	4	-	-	-
Animal & vehicles	1482	1553	1588	1728	1488	1577
Toll	-	-	-	-	-	-
Miscellaneous	2824	3323	3396	3317	5603	5141
II. Non-tax revenue	14482	23569	26747	32144	49612	55794
III. Ordinary grants	82355	105706	132816	142948	146889	161503
Total ordinary income	154901	197902	212116	235872	256484	283584
<b>B. Expenditure</b>						
I. Ordinary Expenditure	143678	190337	194504	231427	253183	286484
General administration & collection of revenue	24581	29503	31125	36726	38611	43135
Public health	81706	110782	103495	120827	121984	136001
Safety & convenience	14902	18882	18354	20787	23412	22559
Education	4356	5131	5512	6514	6858	7834
Public works	6409	8535	11671	13249	27973	43115
Miscellaneous	11724	17504	24347	33324	34345	33840
II. Repayment of loan	4890	3985	2146	115	265	253
Total revenue expenditure	148568	194322	196650	231542	253448	286737
Total wages and salaries paid to all employees	127783	127903	128023	128143	129463	130683

Table 37.1-INCOME AND EXPENDITURE OF CORPORATIONS-Concl'd.

(Rs. '000)

States/Local Bodies		UTTAR PRADESH - VARANASI						
Source of income/ Head of expenditure	1990-91	1991-92	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98
1	2	3	4	5	6	7	8	9
<b>A. Income</b>								
I. Tax Revenue	35196	19852	13298	14546	20830	18132	18414	38998
Property	9502	18026	11210	11668	18454	15952	16370	36404
Service	-	-	-	-	-	-	-	-
Octroi	20935	-	-	-	-	-	-	-
Terminal	-	-	-	-	-	-	-	-
Trades & callings	-	-	-	-	-	-	-	-
Animal & vehicles	921	919	886	1017	1164	1232	1122	1072
Toll	261	-	-	-	-	-	-	-
Miscellaneous	3577	907	1202	1861	1212	948	922	1522
II. Non-tax revenue	7787	9276	8643	11945	12535	13358	17759	18911
III. Ordinary grants	92352	124784	131217	129888	159871	174132	180169	213087
Total ordinary income	135336	153912	153158	156379	193236	205622	216342	270996
<b>B. Expenditure</b>								
I. Ordinary Expenditure	132968	150625	155463	165729	192533	190024	217899	253759
General administration & collection of revenue	17200	19083	20137	22766	23557	25405	28712	32364
Public health	74033	74982	80949	91992	96798	104239	111739	139550
Safety & convenience	6994	8132	8139	10507	9051	9065	10765	18706
Education	107	103	122	113	83	48	107	261
Public works	21792	30021	22378	24615	33655	33596	37837	42421
Miscellaneous	12842	18304	23738	15736	29389	17671	28739	20457
II. Repayment of loan	1131	700	1370	1315	1128	154	-	-
Total revenue expenditure	134099	151325	156832	167045	193661	190178	217899	253759
Total wages and salaries paid to all employees	88160	96116	106286	118050	122813	136641	147204	175396

**Table 37.2 - NUMBER OF ELECTED REPRESENTATIVES IN THE THREE TIER  
PANCHAYATI RAJ SYSTEM**

India/States/ Union Territories	Number of			Gram Panchayats		Intermediate tiers		Zilla Parishads	
	Districts	DRDAs	Blocks	Number	Elected Representatives	Number	Elected Representatives	Number	Elected Representatives
	(As on 31.1.1995)			(As on 31.5.1998)					
1	2	3	4	5	6	7	8	9	10
<b>India</b>	507	487	5428	225918	2627132	5747	146491	457	15188
<b>States:</b>									
Andhra Pradesh	23	22	330*	20500	230529	1093	14644	22	1093
Arunachal Pradesh	12	12	56	2012	5733	79	1205	12	77
Assam	23	23	218	2489	30860	202	2564	21	845
Bihar	50	50	727	11653	165452	589	15344	39	1585
Goa	2	1	11	288	1281	-	-	2	35
Gujarat	19	19	218	13330	123470	182	3814	19	761
Haryana	16	16	110	5958	54159	110	2418	16	303
Himachal Pradesh	12	12	69	2922	18264	72	1661	12	252
Jammu & Kashmir (2)	14	14	119§	..	..	..	..	..	..
Karnataka	20	20	175	5640	80527	175	3340	27	919
Kerala	14	14	152	990	10270	152	1547	14	300
Madhya Pradesh	45	45	459	31126	474351	459	9097	45	1036
Maharashtra	31	29	299	27609	303545	314	3524	29	1762
Manipur (1)	8	8	31	166	1556	-	-	4	61
Meghalaya (1)	7	7	32	-	-	-	-	-	-
Mizoram (1)	3	3	20	-	-	-	-	-	-
Nagaland	7	1	28	-	-	-	-	-	-
Orissa	30	30	314	5263	81077	314	5260	30	854
Punjab	14	14	136	11591	78983	136	2441	14	274
Rajasthan	31	31	237	9185	112897	237	5494	31	1028
Sikkim	4	1	4@	157	873	-	-	4	92
Tamil Nadu	22	22	385	12584	97026	384	6499	28	648
Tripura	4	3	27	525	5421	16	196	3	70
Uttar Pradesh	66	65	902	58605	689119	902	57827	68	2529
West Bengal	18	18	340	3325	62139	331	9516	17	664
<b>Union Territories:</b>									
A. & N. Islands (2)	2	1	5	..	..	..	..	..	..
Chandigarh (2)	1	1	1	..	..	..	..	..	..
D & N Haveli (2)	1	1	1	..	..	..	..	..	..
Daman & Diu (2)	2	1	2	..	..	..	..	..	..
Delhi (2)	1	1	5	..	..	..	..	..	..
Lakshadweep (2)	1	1	9	..	..	..	..	..	..
Pondicherry (2)	4	1	6	..	..	..	..	..	..

*Source: Panchayati Raj Section, Ministry of Rural Areas & Employment*

\* These Blocks have been replaced by 1902 Mandals praja Parishad w.e.f. January 1987.

§ Position as on 1.1.1987.

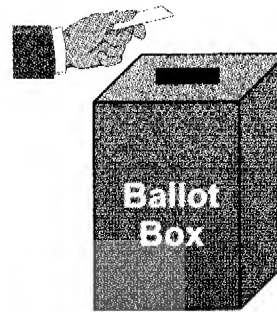
@ For the purpose of allocation of the funds the districts are considered as blocks.

(1) Traditional Councils.

(2) Information is not available.







# ELECTORAL STATISTICS



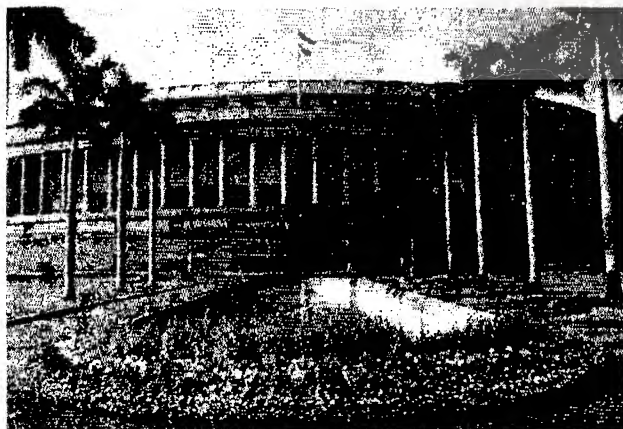
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## CHAPTER 38

### Electoral Statistics

**T**his section provides results of the election to both Houses of the Parliament and to the State Legislative Assemblies and Councils, bringing out broadly the salient features of the electorate in the country.

Under the Indian Constitution there shall be a Parliament for the Union of India consisting of the President and two houses to be known respectively as the Council of States (Rajya Sabha) and the House of People (Lok Sabha). Similarly in each State, there shall be a legislature consisting of either one House known as the Legislative Assembly (Vidhan Sabha) or two houses known as the Legislative Council (Vidhan Parishad) and the Legislative Assembly (Vidhan Sabha). The election to the House of People and to the Legislative Assemblies of every State shall be on the basis of universal adult suffrage; that is to say every person who is a citizen of India and has attained the age of 18 years, if not otherwise disqualified, shall be entitled to be a voter at any such election.



The Legislative Assembly of each State is to be composed of members chosen by direct election. The total number of members in the legislative Assembly of State shall not in any case be more than 500 or less than 60 while Special provisions have been made to provide for 40 seats in the Legislative Assemblies of the States of Goa and Mizoram respectively. Similarly for the Union Territory of Pondicherry, provision has been made in the constitution to provide for 30 seats in the Legislative Assembly. The strength of the electoral college of the Union Territories is laid down in the

provisions of the Representation of the People Act, 1950.

Representation in the Legislative Council of each State, where there is such a Council will be confined to Local Authorities, University Graduates and Teachers, Nominees of the Government and elected representatives of the Legislative Assembly.

**Tables 38.1 and 38.3**

These two tables show the number of voters and seats in each State for the purpose of election to the House of People and the Legislative Assemblies respectively.

In these two tables, column 3 shows total number of electors (voters) in all constituencies whereas column 4 shows the number of votes polled. The percentage of votes polled to total votes in contested constituencies is shown in column 6. This indicates the extent to which the voters exercised their franchise. The difference between "votes polled" and "valid votes polled" shows the number of votes which were polled either wrongly or were rejected.

**Table 38.2**

This table depicts the composition/allocation of seats in the Rajya Sabha.

**Table 38.4**

This table shows the number of seats in the Legislative Councils and the number of constituencies in the State Legislative Council for the purpose of the election.

**Table 38.5**

This table shows Statewise number of valid votes polled, percentage of valid votes polled and seats won according to parties for the election to the Lok Sabha in 1998.

**Table 38.6**

This table gives the Statewise expenditure incurred on (i) preparation of electoral rolls and (ii) conduct of election for election to the Lok Sabha in 1991, 1996 and 1998.

Table 38.1-ELECTION TO THE LOK SABHA (HOUSE OF PEOPLE)

Year/States/ Union Territories	Number of constituencies	Number of electors	Number of votes polled	Number of valid votes polled	Percentage of votes polled (col. 4 to col. 3)
1	2	3	4	5	6
<b>All India</b>					
1991(1)	521	498363801	282725487	275205803	56.73
1996	543	592572288	343308035	334873286	57.94
1998	543	605884103	375454034	368376705	61.97
<b>1998</b>					
<b>States:</b>					
Andhra Pradesh	42	49133135	32425654	31898911	66.00
Arunachal Pradesh	2	565621	334600	328764	59.16
Assam	14	14277806	8717775	8375663	61.06
Bihar	54	58766580	37982145	37374416	64.63
Goa	2	880746	538664	532766	61.16
Gujarat	26	28774443	17063114	16291161	59.30
Haryana	10	11086895	7649117	7552804	68.99
Himachal Pradesh	4	3628864	2407590	2380668	66.35
Jammu & Kashmir	6	5022782	2220371	2158597	44.21
Karnataka	28	33098338	21488922	21102670	64.92
Kerala	20	21188712	14972844	14861825	70.66
Madhya Pradesh	40	44607368	27541504	26930012	61.74
Maharashtra	48	56205250	32096349	31492290	57.11
Manipur	2	1330209	755960	749816	56.83
Meghalaya	2	1157494	860890	839104	74.38
Mizoram	1	442457	307767	305576	69.56
Nagaland	1	926569	420714	397008	45.41
Orissa	21	23393600	13574771	13346272	58.03
Punjab	13	15344540	9217434	9115939	60.07
Rajasthan	25	29751400	17927093	17650528	60.26
Sikkim	1	236321	158791	155871	67.19
Tamil Nadu	39	45577788	26411069	25603798	57.95
Tripura	2	1727463	1396760	1370465	80.86
Uttar Pradesh	85	101982480	56601971	55829673	55.50
West Bengal	42	46846471	37118085	36522326	79.23
<b>Union Territories:</b>					
A. & N. Islands	1	232013	147698	145836	63.66
Chandigarh	1	531146	285149	282755	53.69
Dadra & Nagar Haveli	1	95832	74205	72531	77.43
Daman & Diu	1	71934	52389	51596	72.83
Delhi	7	8297622	4255606	4217082	51.29
Lakshadweep	1	36738	31264	31064	85.10
Pondicherry	1	665486	417769	408918	62.78

Source: Election Commission of India

- (1) Out of 543 seats, only 521 seats were filled in. Elections were not held in the entire State of Jammu and Kashmir (6 seats), Punjab (13 seats), Uttar Pradesh (1 seat) and Bihar (2 seats).



Table 38.2-COMPOSITION/ALLOCATION OF SEATS IN THE RAJYA SABHA

Year/States/ Union Territories	Number of	
	All members (1)	Women members
1	2	3
<b>All India</b>		
1992	245	17
1994	245	20
1996	245	18
1997	245	18
1998	245	18
<b>1998</b>		
<b>States:</b>		
Andhra Pradesh	18	1
Arunachal Pradesh	1	-
Assam	7	1
Bihar	22	1
Goa	1	-
Gujarat	11	1
Haryana	5	-
Himachal Pradesh	3	1
Jammu & Kashmir	4	-
Karnataka	12	-
Kerala	9	-
Madhya Pradesh	16	1
Maharashtra	19	2
Manipur	1	-
Meghalaya	1	-
Mizoram	1	-
Nagaland	1	-
Orissa	10	2
Punjab	7	-
Rajasthan	10	-
Sikkim	1	-
Tamil Nadu	18	1
Tripura	1	-
Uttar Pradesh	34	1
West Bengal	16	2
<b>Union Territories:</b>		
Delhi	3	-
Pondicherry	1	-
Nominated	12	4

Source: Rajya Sabha Secretariat

(1) Figures include 12 members nominated by the President of India.

Note: Statewise data is as on April 15, 1998. Seven seats are vacant from the States of Madhya Pradesh (2 seats), Maharashtra (2 seats) and one seat from Bihar, Orissa and Uttar Pradesh.

**Table 38.3-ELECTIONS TO THE VIDHAN SABHAS  
(State Legislative Assemblies)**

Year/States	Number of seats	Number of electors	Number of votes polled	Number of valid votes polled	Percentage of votes polled (col. 4 to col. 3)
1	2	3	4	5	6
<b>All India</b>					
1991(1)	1339	202478654	126492679	122157235	62.47
1992(2)	117	13171851	3137915	3005083	23.82
1993(3)	1303	172149306	101860265	99557483	59.17
1994(4)	590	76603054	53677152	52591290	70.08
1995(5)	1061	165763744	111729739	108524464	67.40
1996(6)	1421	238394593	157694247	153256544	55.46
1997(7)	117	15225395	10463868	10289814	68.73
1998(8)	370	35288264	21907021	21047832	62.08
<b>1998</b>					
<b>States:</b>					
Gujarat	182	28774443	17063160	16292114	59.30
Meghalaya	60	1157494	862512	837383	74.52
Himachal Pradesh	68	3628864	2584784	2551369	71.23
Tripura	60	1727463	1396565	1366966	80.84

*Source: Election Commission of India*

- (1) The General Election to Assam, Haryana, Kerala, Tamil Nadu, Uttar Pradesh, West Bengal and Pondicherry Legislative Assemblies was held in 1991. The figures are exclusive of data in respect of assembly constituencies where the poll was countermanded in Uttar Pradesh.
- (2) This relates to the figures for Punjab which went to poll in 1992.
- (3) This includes figures for Rajasthan, Himachal Pradesh, Tripura, Nagaland, Meghalaya, Mizoram and Uttar Pradesh which went to poll in 1993.
- (4) This includes figures for Andhra Pradesh, Goa, Karnataka and Sikkim which went to poll in 1994.
- (5) This includes figures for Arunachal Pradesh, Bihar, Gujarat, Maharashtra, Manipur and Orissa which went to poll in 1995. Figures are provisional.
- (6) This includes figures for Assam, Haryana, Jammu and Kashmir, Kerala, Pondicherry, Tamil Nadu, West Bengal and Uttar Pradesh which went to poll in 1996.
- (7) This relates to the figures for Punjab which went to poll in 1997.
- (8) Data relates to states of Gujarat, Meghalaya, Himachal Pradesh and Tripura.

**Note:**

Data for the years 1992-98 has been compiled by Central Statistical Organisation on the basis of reports of the Election Commission.

**Table 38.4-NUMBER OF SEATS AND CONSTITUENCIES IN THE VIDHAN PARISHADS:1998**  
(State Legislative Councils)

Year/States	Direct Elections								Indirect Elections	Nominations	Total
	Local Authorities		Graduates		Teachers		Total				
	C	S	C	S	C	S	C	S	By MLAs	By Governor	
	1	2	3	4	5	6	7	8	9	10	
1998	111	126	31	31	31	31	173	188	150	54	392
Bihar	31	34	8	8	8	8	47	50	34	12	96
Jammu and Kashmir	-	6	-	-	-	-	-	6	22	7	35
Karnataka	20	25	7	7	7	7	34	39	25	11	75
Maharashtra	21	22	7	7	7	7	35	36	30	12	78
Uttar Pradesh	39	39	9	9	9	9	57	57	39	12	108

Source: State Legislative Councils

Notes: Some of the legislative councils were abolished in the past and for the data concerning them, the 1997 issue of the Statistical Abstract India may be referred.

**Table 38.5- ELECTION TO THE LOK-SABHA, 1998-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES**

States/Union Territories	National Parties									
	Total number of valid votes polled	Indian National Congress(INC)			Bahujan Samaj Party (BSP)			Communist party of India (CPI)		
		Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won
1	2	3	4	5	6	7	8	9	10	11
<b>All India</b>	368376705	95111131	25.82	140	17186779	4.67	4	6429569	1.75	9
<b>States:</b>										
Andhra Pradesh	31898911	12269475	38.46	22	65867	0.21	-	816200	2.56	2
Arunachal Pradesh	328764	78564	23.90	-	-	-	-	-	-	-
Assam	8375663	3264032	38.97	10	-	-	-	79279	0.95	-
Bihar	37374416	2717204	7.27	5	197236	0.53	-	1269386	3.40	-
Goa	532766	168314	31.59	2	-	-	-	-	-	-
Gujarat	16291161	5945219	36.49	7	-	-	-	14826	0.09	-
Haryana	7552804	1965397	26.02	3	580152	7.68	1	11270	0.15	-
Himachal Pradesh	2380668	997410	41.90	1	27459	1.45	-	13440	0.56	-
Jammu & Kashmir	2158597	415354	19.24	1	107386	4.97	-	-	-	-
Karnataka	21102670	7642756	36.22	9	117540	0.56	-	13,083	0.06	-
Kerala	14861825	5746566	38.67	8	19475	0.13	-	1235761	8.32	2
Madhya Pradesh	26930012	10611317	39.40	10	2343027	8.70	-	178362	0.05	-
Maharashtra	31492290	13744283	43.64	33	237453	0.75	-	23209	0.07	-
Manipur	749816	139434	18.60	-	-	-	-	153519	20.47	1
Meghalaya	839104	399583	47.62	2	-	-	-	12123	1.44	-
Mizoram	305576	106511	34.86	-	-	-	-	-	-	-
Nagaland	397008	344223	86.70	1	-	-	-	-	-	-
Orissa	13346272	5477410	41.04	5	43295	0.32	-	132089	0.99	-
Punjab	9115939	2356281	25.85	-	1152986	12.65	-	309671	3.40	-
Rajasthan	17650528	7846072	44.45	18	374609	2.12	-	109705	0.62	-
Sikkim	155871	51611	33.11	-	-	-	-	-	-	-
Tamil Nadu	25603798	1223102	4.78	-	59981	0.23	-	628360	2.45	1
Tripura	1370465	577174	42.12	-	-	-	-	-	-	-
Uttar Pradesh	55829673	3361053	6.02	-	11670682	20.90	4	101081	0.18	-
West Bengal	36522326	5551456	15.20	1	88195	0.24	-	1328205	3.64	3
<b>Union Territories:</b>										
A. & N. Islands	145836	52365	35.91	1	-	-	-	-	-	-
Chandigarh	282755	109421	38.70	-	-	-	-	-	-	-
D. & N. Haveli	72531	2997	4.13	-	-	-	-	-	-	-
Daman & Diu	51596	1020	1.98	-	-	-	-	-	-	-
Delhi	4217082	1798165	42.64	1	98847	2.34	-	-	-	-
Lakshadweep	31064	16014	51.55	1	-	-	-	-	-	-
Pondicherry	408918	131348	32.12	-	2589	0.63	-	-	-	-



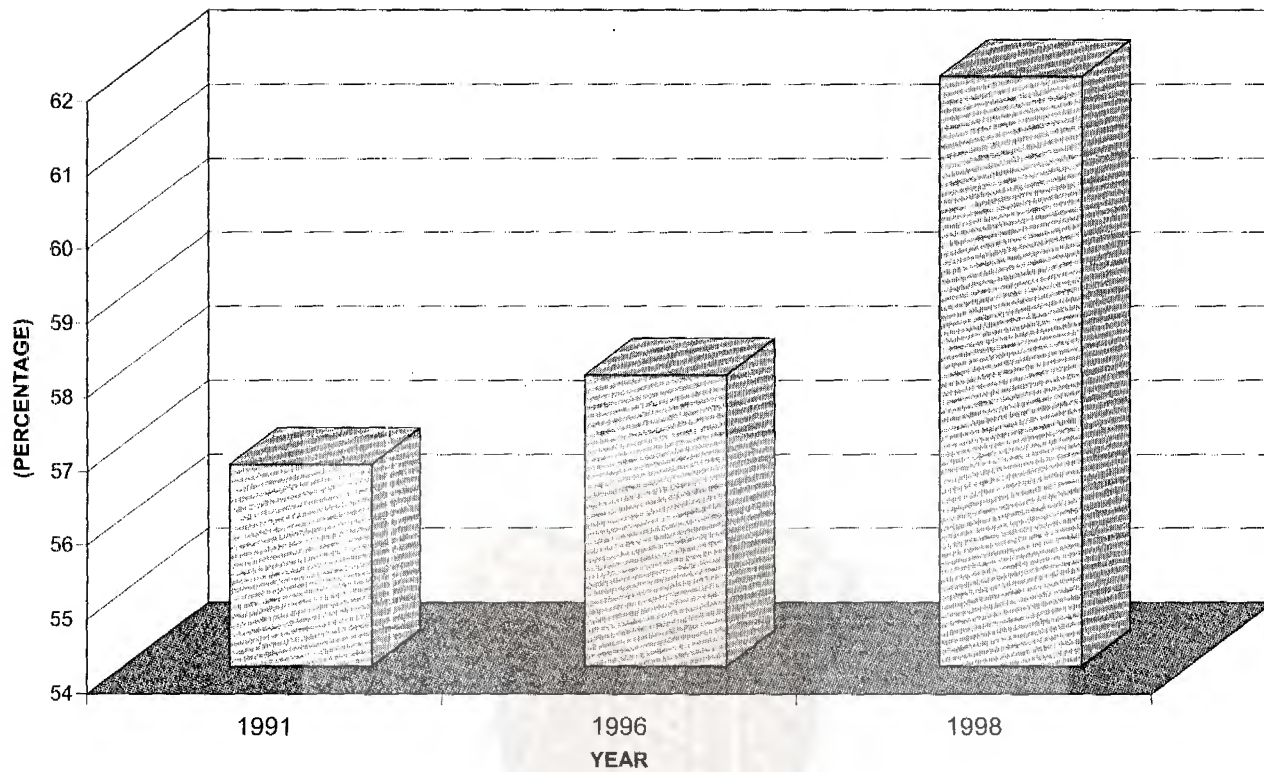
**Table 38.5- ELECTION TO THE LOK-SABHA, 1998-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES**

States/Union Territories	National Parties-Concl'd.											
	Communist Party of India (Marxist) (CPM)			Janata Dal (JD)			Bharatiya Janata Party (BJP)			Samata Party		
	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won
1	12	13	14	15	16	17	18	19	20	21	22	23
<b>All India</b>	18991867	5.16	32	11930209	3.24	6	94266193	25.59	182	6491639	1.76	12
<b>States:</b>												
Andhra Pradesh	921972	2.89	-	278302	0.87	1	5836394	18.30	4	5130	0.02	-
Arunachal Pradesh	-	-	-	6199	1.89	-	71505	21.75	-	-	-	10
Assam	274003	3.27	-	9781	0.12	-	2049723	24.47	1	-	-	-
Bihar	147713	0.40	-	3258741	8.72	1	8979956	24.03	20	5884100	15.74	-
Goa	-	-	-	-	-	-	160047	30.04	-	-	-	-
Gujarat	-	-	-	478652	2.94	-	7864750	51.43	19	11232	0.07	-
Haryana	25366	0.34	-	28513	0.38	-	1427086	28.84	1	-	-	-
Himachal Pradesh	-	-	-	20997	0.88	-	1224361	51.43	3	-	-	-
Jammu & Kashmir	-	-	-	10818	0.50	-	618155	28.64	2	-	-	-
Karnataka	8127	0.04	-	4576244	21.69	3	5686151	26.95	13	16951	0.08	-
Kerala	3121636	21.00	6	580094	3.90	-	1192046	8.02	-	558	-	-
Madhya Pradesh	28313	0.11	-	328989	1.22	-	12315410	45.73	30	103010	0.38	-
Maharashtra	190850	0.61	-	525250	1.67	-	7081064	22.49	4	-	-	-
Manipur	-	-	-	-	-	-	94543	12.61	-	4414	0.59	-
Meghalaya	-	-	-	-	-	-	75618	9.01	-	-	-	-
Mizoram	-	-	-	-	-	-	8998	2.94	-	-	-	-
Nagaland	-	-	-	-	-	-	-	-	-	-	-	-
Orissa	54217	0.41	-	657790	4.93	-	2828709	21.19	7	10505	0.08	-
Punjab	96893	1.06	-	380785	4.18	1	1063751	11.67	3	-	-	-
Rajasthan	225822	1.28	-	408093	2.31	-	7352213	41.65	5	10777	0.06	-
Sikkim	-	-	-	-	-	-	-	-	-	-	-	-
Tamil Nadu	161452	0.63	-	-	-	-	1757645	6.86	3	2906	0.01	-
Tripura	668736	48.80	2	-	-	-	112231	8.19	-	-	-	-
Uttar Pradesh	126856	0.23	-	262309	0.47	-	20369694	36.49	57	441576	0.79	2
West Bengal	12931639	35.41	24	-	-	-	3724662	10.20	1	480	-	-
<b>Union Territories:</b>												
A. & N. Islands	8272	5.67	-	-	-	-	51821	35.53	-	-	-	-
Chandigarh	-	-	-	-	-	-	119787	42.36	1	-	-	-
D. & N. Haveli	-	-	-	-	-	-	38970	53.73	1	-	-	-
Daman & Diu	-	-	-	-	-	-	21649	41.96	1	-	-	-
Delhi	-	-	-	103602	2.46	-	2139254	50.73	6	-	-	-
Lakshadweep	-	-	-	15050	48.45	-	-	-	-	-	-	-
Pondicherry	-	-	-	-	-	-	-	-	-	-	-	-

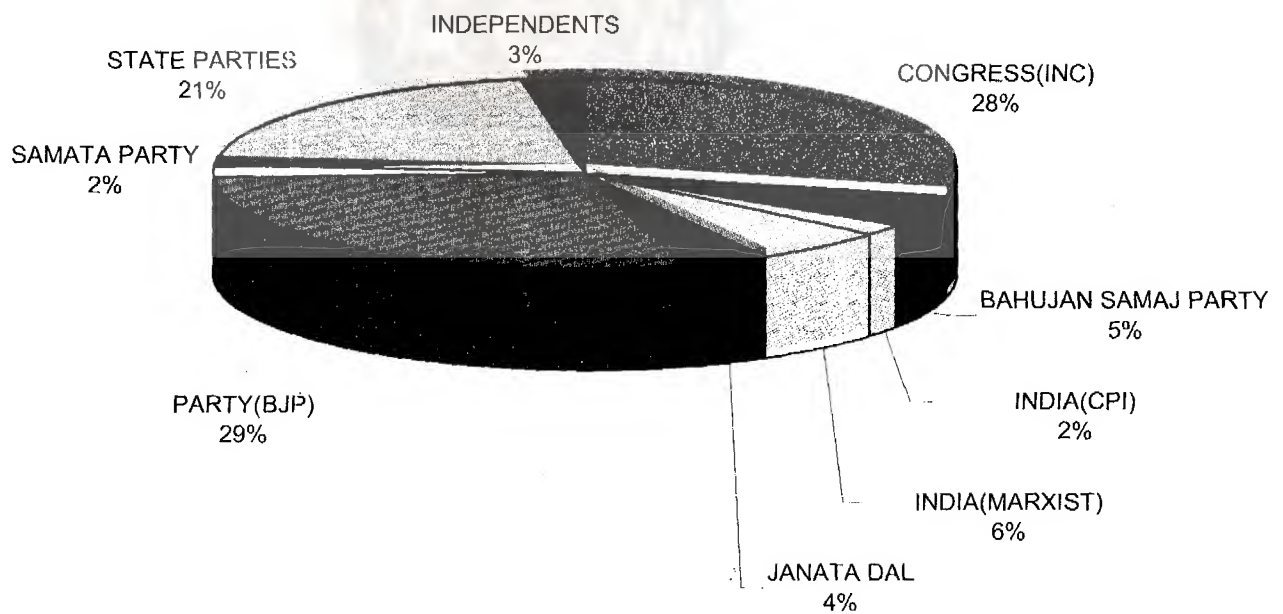
**Table 38.5- ELECTION TO THE LOK-SABHA, 1998-VOTES POLLED, PERCENTAGE OF VOTES POLLED AND SEATS WON ACCORDING TO PARTIES**

States/Union Territories	National Parties-Concl'd.											
	National Parties (Total)			State Parties			Registered unrecognised Parties			Independents		
	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won	Number of valid votes polled	% age of valid votes polled	Seats won
	24	25	26	27	28	29	30	31	32	33	34	35
<b>All India</b>	250407387	67.98	6	69209535	18.79	76	40039831	10.87	4	8719952	2.37	6
<b>States:</b>												
Andhra Pradesh	20193340	63.30	-	10609881	33.26	12	558112	0.17	-	537578	1.69	-
Arunachal Pradesh	156268	47.53	-	172496	52.47	2.00	-	-	-	-	-	-
Assam	5676818	67.78	-	1342417	16.03	1	559629	-	-	796799	9.51	1
Bihar	22454336	60.22	1	1741791	4.66	-	12443400	33.29	-	734889	1.97	-
Goa	328361	61.63	-	202749	38.06	-	-	-	-	1656	0.31	-
Gujarat	14314679	87.85	-	112560	0.69	-	1680118	-	-	183804	1.13	-
Haryana	4037784	53.51	-	1046533	13.86	-	2375199	31.45	-	93288	1.24	-
Himachal Pradesh	2283667	95.44	-	3889	0.16	-	92031	3.87	-	1081	0.05	-
Jammu & Kashmir	1151713	51.61	-	793085	36.74	2	58351	2.70	-	155448	7.20	-
Karnataka	18060852	85.59	3	29802	0.14	-	2852448	13.52	-	159568	0.76	-
Kerala	11896136	80.04	1	1829486	12.31	-	123136	0.83	-	1013067	6.82	-
Madhya Pradesh	25908428	96.21	-	219908	0.82	-	446566	1.06	1	355110	1.32	-
Maharashtra	21802109	69.23	-	8460926	26.87	10	462778	1.47	-	766477	2.43	-
Manipur	391910	52.27	-	115785	15.44	-	237453	-	-	4668	0.62	-
Meghalaya	487324	58.08	-	280651	26.04	-	71129	-	-	-	0.00	-
Mizoram	115509	37.80	-	82047	26.85	-	974	-	-	107046	35.03	1
Nagaland	344223	86.70	-	-	0.00	-	52785	-	-	-	0.00	-
Orissa	9204015	68.96	-	321578	2.41	-	3765523	28.21	-	55156	0.41	-
Punjab	5360367	58.80	1	3001769	32.93	8	306493	3.36	-	447310	4.91	1
Rajasthan	16327291	92.50	-	463047	2.62	1	189267	1.07	1	670923	3.80	1
Sikkim	51611	33.11	-	102440	65.72	31	-	-	-	1820	1.17	-
Tamil Nadu	3833446	14.97	-	18771124	73.31	-	2368642	9.25	-	630586	2.46	1
Tripura	1358141	99.10	-	-	-	-	8040	-	-	4284	0.31	-
Uttar Pradesh	36333251	65.08	-	16159808	3.18	-	1777825	3.18	2	1558789	2.79	1
West Bengal	23624637	64.69	-	3023217	8.28	6	9493421	25.99	-	381051	1.04	-
<b>Union Territories:</b>												
A. & N. Islands	112458	77.11	-	-	-	1	29687	-	-	3691	2.53	-
Chandigarh	229208	81.06	-	4552	1.61	-	44569	-	-	4426	1.57	-
D. & N. Haveli	41967	57.86	-	30253	41.71	-	-	-	-	311	0.43	-
Daman & Diu	22669	43.94	-	-	0.00	-	-	-	-	28927	56.06	-
Delhi	4139868	98.17	-	16997	0.40	-	38900	0.92	-	21317	0.51	-
Lakshadweep	31064	100.00	-	-	-	1	-	-	-	-	-	-
Pondicherry	133937	32.75	-	270744	66.21	1	3355	0.82	-	882	0.22	-

# ELECTION TO THE LOKSABHA - PERCENTAGE OF VOTES POLLED



## ELECTION TO THE LOKSABHA(1998)-PERCENTAGE OF VOTES POLLED TO DIFFERENT PARTIES



**Table 38.6-ELECTION TO THE LOK-SABHA 1998**  
**EXPENDITURE INCURRED**

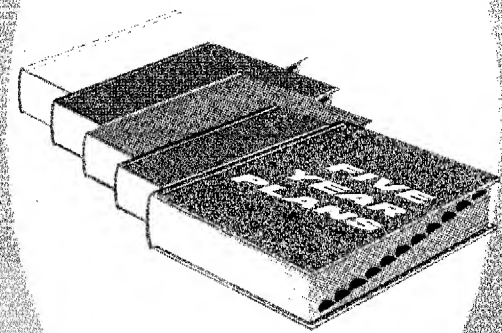
(Rs. '000)

Year/States/ Union Territories	Expenditure Incurred on			Total
	Territory Electoral officers	Preparation of Electoral Rolls	Conduct of Election	
1	2	3	4	5
1991 (1)	145094	96929	3349005	3591028
1996 (2)	482675	2158930	5797059	8438664
1998	194368	288685	3762456	4245509
<b>1998</b>				
<b>States:</b>				
Andhra Pradesh	-	-	-	-
Arunachal Pradesh	6906	2950	32000	41856
Assam	12650	10505	282785	305940
Bihar	12976	1900	731645	746521
Goa	478	960	10120	11558
Gujarat	7399	27500	225062	259961
Haryana	7276	23147	53017	83440
Himachal Pradesh	9770	5757	13965	29492
Jammu & Kashmir	4810	1750	39000	45560
Karnataka	39284	-	370700	409984
Kerala	4165	18964	114954	138083
Madhya Pradesh	19563	12500	189491	221554
Maharashtra	-	-	-	-
Manipur	5369	4500	34995	44864
Meghalaya	4468	10737	15265	30470
Mizoram	3750	7350	56521	67621
Nagaland	-	-	-	-
Orissa	9523	10747	161270	181540
Punjab	8119	3225	84725	96069
Rajasthan	15607	10000	200600	226207
Sikkim	1100	670	5000	6770
Tamil Nadu	13927	11924	390927	416778
Tripura	3153	3560	25000	31713
Uttar Pradesh	53	110380	514066	624499
West Bengal	-	-	-	-
<b>Union Territories:</b>				
A. & N. Islands	-	-	3500	3500
Chandigarh	-	-	9500	9500
D. & N. Haveli	-	-	1700	1700
Daman & Diu	-	-	2500	2500
Delhi	2913	8531	186850	198294
Lakshadweep	-	-	4536	4536
Pondicherry	1109	1128	2762	4999

Source: Ministry of Law, Justice and Company Affairs

1. This is as per the information furnished by the respective State Governments and Union Territory Administrations. The expenditure also includes the Government of India's share paid to the respective State Government by Government of India. A sum of Rs. 15816 thousand was incurred by Government of India under security measures for payment to Indian Airlines towards airlifting BSF of Rs. 15816 thousand was incurred by Government of India under security measures for payment to Indian Airlines towards wards airlifting BSF personnels deployed for security purposes during the election.
2. The figures are provisional and based on the annual claims received from the State Governments in the the Ministry of Law, Justice & Company Affairs during the financial year 1997-98.





# FIVE YEAR PLANS



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## CHAPTER 39

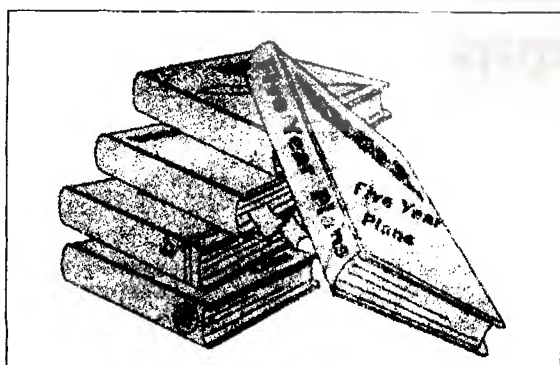
### Five Year Plans

#### Tables 39.1 to 39.4

**T**hese tables are concerned with Plan Outlay and Expenditure for Public Sector. Table 39.1 presents figures of Plan outlay and expenditure for Sixth, Seventh and Eighth Plan periods and also during the Annual Plans 1990-91, 1991-92, 1992-93, 1993-94, 1994-95 and plan outlays for 1995-96 and 1996-97. Table 39.2, 39.3 and 39.4 provide the corresponding Statewise figures for the Eighth Plan and Annual Plans 1995-96, 1996-97; and 1994-95 respectively.

#### Table 39.5

Targets and achievements for the Annual Plans from the year 1990-91 onwards have been presented here. Besides the targets for the Eighth Five Year Plan has also been given. Data has been provided for important items under the major heads of development.



**Table 39.1 - PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT**

(Rs. crores)

Head of Development	Annual Plan (1990-91)		Annual Plan (1991-92)		Eighth Plan Outlay (1992-97)
	Plan Outlay	Actual Expenditure	Plan Outlay	Actual Expenditure	
1	2	3	4	5	6
<b>Central Government</b>	39329	34255	42969	37846	247865
1. Agriculture and allied activities	1584	1342	1858	1592	11118
2. Rural development	2664	2543	2702	2355	24170
3. Special area programmes	-	-	-	-	-
4. Irrigation and flood control	223	183	267	230	1500
5. Energy	12280	10915	13514	12060	66795
6. Industry and minerals	7116	5135	7117	5312	37539
7. Transport	7415	6161	7537	7120	40977
8. Communications, information and broadcasting	3048	2947	3383	3611	25097
9. Science, technology and environment	845	721	961	819	5139
10. Social services	3758	3937	4956	4325	34445
11. Others	396	370	673	422	1085
<b>States and Union Territories</b>	25388	24115	29348#	26905	186235*
1. Agriculture and allied activities	2218	2064	2615	2258	11349
2. Rural development	1639	1607	1740	1786	10255
3. Special area programmes	1037	986	1143	1067	6750*
4. Irrigation and flood control	3886	3791	4432	4002	31025
5. Energy	6591	6186	7788	7674	48766
6. Industry and minerals	1334	1240	1500	1252	9383
7. Transport	1888	1913	2380	2194	14948
8. Communications, information and Broadcasting	2	1	2	2	13
9. Science, technology and environment	48	37	57	42	3903
10. Social services	5990	5669	6834	5974	44567
11. Others	755	620	857	652	5275
<b>Grand Total</b>	64717	58369	72317#	64751	434100*

\* Includes provision of Rs. 4500 crore for central funding of Special Area Development Programme.

# Includes Rs. 1072 crore Plan loans to States which were not finally agreed to Ministry of Finance and "Model Villages" Scheme and "Equity Base for Corporations" which were subsequently dropped.

Note: Totals may not tally due to rounding off of the figures.

**Table 39.1 - PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT-Contd.**

(Rs. crores)

Head of Development	Annual Plan 1992-93		Annual Plan 1993-94		Annual Plan 1994-95	
	Plan Outlay	Actual Expenditure	Plan Outlay	Actual Expenditure	Plan Outlay	Actual Expenditure
1	7	8	9	10	11	12
<b>Central Government</b>	48407	43694	63936	55216	70141	59054
1. Agriculture and allied activities	1879	1923	2436	1764	2637	2504
2. Rural development	2610	3110	4229	4660	6036	5702
3. Special area programmes	-	-	-	-	-	-
4. Irrigation and flood control	231	189	275	256	261	221
5. Energy	14998	12587	21911	18701	22857	17880
6. Industry and minerals	8198	6090	9634	6897	10394	7019
7. Transport	9129	8172	10893	9010	11343	8703
8. Communications, information and broadcasting	4890	5149	6245	6199	7191	7271
9. Science, technology and environment	935	890	1251	1105	1362	1353
10. Social services	5128	4519	6459	6168	7381	7848
11. Others	409	1065	603	466	678	553
<b>States and Union Territories</b>	32365	29159	36184@	31838	40974	38012
1. Agriculture and allied activities	2831	2293	2973	2499	3208	2846
2. Rural development	1926	1982	1959	2374	2591	3015
3. Special area programmes	1180	1284	1406	337	466	326
4. Irrigation and flood control	4704	4516	5579	5115	6234	5883
5. Energy	8576	7703	9009	8208	10059	9602
6. Industry and minerals	1686	1354	1729	1584	2172	2069
7. Transport	2627	2491	3054	2967	3565	3394
8. Communications, information and Broadcasting	-	2	3	3	3	3
9. Science, technology and environment	57	40	66	48	73	55
10. Social services	7719	6803	8971	7859	10668	9561
11. Others	1059	691	1436	846	1936	1257
<b>Grand Total</b>	<b>80772</b>	<b>72852</b>	<b>100120@</b>	<b>87054</b>	<b>111115</b>	<b>97066</b>

@ Excludes Rs.100 crore later allocated to Punjab.

Note: Total may not tally due to rounding off of the figures.



**Table 39.1-PLAN OUTLAY/EXPENDITURE FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT-Concl'd.**

(Rs. crores)

Head of Development	Plan Outlay (1995-96)	Approved Outlay (1996-97)	Plan Outlay (1997-98)	Ninth Plan Outlay (1997-2002) (At 1996-97 prices)
1	13	14	15	16
<b>Central Government</b>	78849	74595	91839	505161
1. Agriculture and allied activities	3022	2708	2969	13017
2. Rural development	6540	6095	5801	46077
3. Special area programmes	-	-	-	-
4. Irrigation and flood control	288	250	323	2546
5. Energy	23795	20268	24235	150746
6. Industry and minerals	11598	10817	11200	57677
7. Transport	14088	11963	15016	85149
8. Communications, information and broadcasting	8318	9776	13361	48759
9. Science, technology and environment	1616	1534	2177	23217
10. Social services	8839	10432	15707	70165
11. Others	745	752	1050	7808
<b>States and Union Territories</b>	43973	51671	64066	369839
1. Agriculture and allied activities	3386	3706	4005	23641
2. Rural development	3380	4869	5356	28865
3. Special area programmes	392	426	781	3790
4. Irrigation and flood control	6297	7743	10897	55189
5. Energy	9799	10014	12876	71227
6. Industry and minerals	2045	2136	2119	14007
7. Transport	3958	4512	5645	39039
8. Communications, information and Broadcasting	3	3	6	32
9. Science, technology and environment	98	98	253	3126
10. Social services	12806	16080	18553	110766
11. Others	1808	2085	3575	20157
<b>Grand Total</b>	<b>122822</b>	<b>126266</b>	<b>155905</b>	<b>875000</b>

Source : Planning Commission.

Note: Totals may not tally due to rounding off of the figures.

**Table 39.2- PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT  
States and Union Territories  
Outlay for Eighth Plan (1992-97)**

(Rs.crores at 1991-92 prices)

States/Union Territories	Agriculture & Allied Activities and Irriga- tion & Flood Control	Rural Develop- ment	Special Area Programmes	Energy (incl.IREP)	Industry and Minerals	Transport
1	2	3	4	5	6	7
<b>States:</b>	42135	10213	6750\$	47292	9285	13787
Andhra Pradesh	2845	533	450	3044	272	1153
Arunachal Pradesh	181	36	-	152	24	344
Assam	777	187	12	1197	323	295
Bihar	3977	1090	77	2149	458	1463
Goa	179	15	-	56	36	107
Gujarat	4188	421	-	2679	667	640
Haryana	967	119	20	1712	220	391
Himachal Pradesh	349	74	-	510	76	328
Jammu & Kashmir	536	97	216	1180	194	281
Karnataka	3079	427	575	3046	984	448
Kerala	1352	304	3	1238	810	433
Madhya Pradesh	3233	523	-	3582	466	429
Maharashtra	4177	1713	217	4583	814	1732
Manipur	245	14	-	187	40	161
Meghalaya	149	38	11	172	43	207
Mizoram	83	130	-	104	44	103
Nagaland	109	96	10	61	49	162
Orissa	3723	402	-	2648	786	593
Punjab	1152	187	51	2429	163	358
Rajasthan	2880	1022	84	3255	536	784
Sikkim	69	12	-	136	21	85
Tamil Nadu	1413	446	-	3020	550	707
Tripura	279	74	90	121	65	105
Uttar Pradesh	4670	1569	290	7006	569	1903
West Bengal	1522	683	144	3025	1075	575
<b>Union Territories:</b>	239	42	-	1475	98	1162
A. & N. Islands	36	2	-	65	7	395
Chandigarh	5	5	-	55	3	16
Dadra & Nagar Haveli	22	3	-	6	3	7
Daman and Diu	9	1	-	7	3	12
Delhi	88	21	-	1223	30	660
Lakshadweep	25	2	-	16	3	42
Pondicherry	54	9	-	102	49	30

\$ Includes provision of Rs. 4500 crores for Central funding of Special Area Development Programme.

**Table 39.2-PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT  
States and Union Territories  
Outlay for Eighth Plan (1992-97)-Concl'd.**

(Rs. crores at 1991-92 prices)

States/Union Territories	Communi- cations, Information and Broadcasting	Science and Technology	Ecology and Environ- ment	Social Services	Others	Total
1	8	9	10	11	12	13
<b>States:</b>	12	189	3654	41589	5079	179985\$
Andhra Pradesh	-	2	68	2067	66	10500
Arunachal Pradesh	-	-	47	322	48	1155
Assam	-	5	117	1642	109	4662
Bihar	-	8	191	2919	669	13000
Goa	-	3	11	297	57	761
Gujarat	9	6	310	2255	326	11500
Haryana	-	7	124	1969	171	5700
Himachal Pradesh	3	3	212	748	199	2502
Jammu & Kashmir	-	2	108	1226	160	4000
Karnataka	-	8	210	3260	262	12300
Kerala	-	22	98	1077	123	5460
Madhya Pradesh	-	6	213	2079	569	11100
Maharashtra	-	6	505	4187	587	18520
Manipur	-	4	24	256	47	979
Meghalaya	-	2	62	275	71	1029
Mizoram	-	2	31	212	53	763
Nagaland	-	1	29	226	100	844
Orissa	-	46	112	1544	147	10000
Punjab	-	8	60	1887	275	6570
Rajasthan	-	7	340	2462	131	11500
Sikkim	-	2	19	168	39	550
Tamil Nadu	-	10	215	3780	59	10200
Tripura	-	2	27	350	16	1130
Uttar Pradesh	-	10	380	4009	594	21000
West Bengal	-	18	143	2372	203	9760
<b>Union Territories:</b>	-	4	56	2978	196	6250
A. & N. Islands	-	1	25	131	22	685
Chandigarh	-	-	9	298	9	400
Dadra & Nagar Haveli	-	1	8	27	5	80
Daman and Diu	-	1	1	22	9	65
Delhi	-	-	9	2335	133	4500
Lakshadweep	-	1	1	24	5	120
Pondicherry	-	-	3	141	13	400

Source: Planning Commission

\$ Includes provision of Rs. 4500 crores for Central funding of Special Area Development Programme.

**Table 39.3-PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT  
States and Union Territories  
Outlay for 1995-96**

(Rs.lakhs)

States/Union Territories	Agriculture and Allied Activities	Rural Development	Special Area Programmes (Backward Areas)	Irrigation tion and Flood Control	Energy	Industry and Minerals
1	2	3	4	5	6	7
<b>States:</b>	331807	330874	39246	626756	927914	200235
Andhra Pradesh	5806	15800	7379	71767	64143	4270
Arunachal Pradesh	4940	1890	-	2013	10760	682
Assam	13993	8992	310	9667	15407	5590
Bihar	4049	23845	3000	25326	8325	2036
Goa	909	292	-	3548	1480	408
Gujarat	18948	16718	-	74923	53361	14000
Haryana	12044	3416	1000	17874	28703	6417
Himachal Pradesh	11627	2493	-	3187	13973	2025
Jammu & Kashmir	11043	3543	4544	6065	29598	4750
Karnataka	18799	20638	4750	72510	52779	14534
Kerala	20725	7600	150	18000	46900	19510
Madhya Pradesh	18406	30948	-	43713	62747	7096
Maharashtra	45638	67985	4001	103673	108565	23240
Manipur	2556	1217	-	4889	4348	1105
Meghalaya	3643	2173	279	1000	1499	1249
Mizoram	2260	3760	-	247	2935	1043
Nagaland	1618	2918	178	355	2100	693
Orissa	15212	18528	-	31459	16027	7264
Punjab	8173	3181	1776	17618	70745	3729
Rajasthan	31398	18337	970	45987	81452	16287
Sikkim	2170	1022	-	296	3137	896
Tamil Nadu	27259	13794	-	12090	77075	36000
Tripura	3650	3013	2134	1201	3521	1191
Uttar Pradesh	36718	43742	6600	42848	93971	6720
West Bengal	10223	15029	2175	16500	74362	19500
<b>Union Territories:</b>	6795	7079	-	2976	52010	4261
A. & N. Islands	1573	319	-	213	1690	1003
Chandigarh	260	180	-	20	1010	147
Dadra & Nagar Haveli	522	57	-	156	489	89
Daman & Diu	160	20	-	102	344	50
Delhi	1360	5925	-	1667	44000	700
Lakshadweep	683	109	-	185	404	180
Pondicherry	2237	470	-	633	4073	2092

Note: Totals may not tally due to rounding off of figures.



**Table 39.3-PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT-Contd.  
States and Union Territories  
Outlay for 1995-96**

(Rs. lakhs)

States/Union Territories	Transport and Communica- tions	Science, Technology and Environment	General Economic Services	Social Services	General Services	Total
1	8	9	10	11	12	13
<b>States</b>	365206	9530	88367	1165716	81487	4167138
Andhra Pradesh	33178	110	815	46894	902	251064
Arunachal Pradesh	10267	26	994	11325	1033	43930
Assam	10662	273	3991	50167	1148	120200
Bihar	7401	42	723	21373	1080	97200
Goa	3195	68	327	7812	1410	19449
Gujarat	11177	568	5302	65935	68	261000
Haryana	6119	241	1619	44136	931	122500
Himachal Pradesh	11515	121	5576	30569	2414	83500
Jammu & Kashmir	10110	241	3944	30310	1177	105325
Karnataka	22953	600	1091	99142	2204	310000
Kerala	11135	1150	1737	27035	2358	156300
Madhya Pradesh	7759	2435	7750	75001	1377	257232
Maharashtra	58739	238	20917	162381	45507	640885
Manipur	4078	112	439	9552	746	29042
Meghalaya	6325	112	785	7793	709	25567
Mizoram	4480	50	1535	6516	574	23400
Nagaland	1506	19	3320	5612	1181	19500
Orissa	16192	714	1588	43764	1252	152000
Punjab	5055	78	2441	34568	2819	150183
Rajasthan	25492	484	8924	86553	4116	320000
Sikkim	2663	109	287	7063	439	18082
Tamil Nadu	30053	606	5766	115822	1535	320000
Tripura	3153	71	198	11398	309	29839
Uttar Pradesh	46499	843	6232	116527	2040	402740
West Bengal	15500	219	2066	48468	4158	208200
<b>Union Territories</b>	30858	314	2996	114869	7955	230113
A. & N. Islands	9096	54	803	6316	434	21501
Chandigarh	355	44	275	7661	48	10000
Dadra & Nagar Haveli	381	6	102	1064	36	2902
Daman & Diu	300	13	230	891	190	2300
Delhi	18141	86	1223	92154	6744	172000
Lakshadweep	1321	49	137	687	106	3861
Pondicherry	1264	63	226	6097	397	17552

Note: 1. Total outlay differs with the data shown in Table 39.1 because from the Special Area Programme only Backward Areas have been taken here.  
2. Totals may not tally due to rounding off of figures.

**Table 39.3-PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT-Contd.  
States and Union Territories  
Outlay for 1996-97**

(Rs. lakhs)

States/Union Territories	Agriculture and Allied Activities	Rural Development	Special Area Programmes (Backward Areas)	Irrigation and Flood Control	Energy	Industry and Minerals
1	2	3	4	5	6	7
<b>States:</b>	362309	479486	42615	771361	961190	196768
Andhra Pradesh	5649	30299	3000	59508	57035	4070
Arunachal Pradesh	4461	1755	-	1947	7455	736
Assam	12950	11452	230	10772	12252	5200
Bihar	6281	58669	5543	28161	8443	3618
Goa	949	275	-	3620	1500	415
Gujarat	25372	18454	-	123288	50890	14500
Haryana	11365	5710	2148	27389	26214	2810
Himachal Pradesh	12433	4387	-	4462	15026	2327
Jammu & Kashmir	11686	4630	5340	5883	36809	5457
Karnataka	19563	25519	5175	106795	48229	15004
Kerala	24320	19119	50	22285	56775	27155
Madhya Pradesh	26193	32444	-	44235	58118	7421
Maharashtra	42400	84440	5195	113196	142328	35199
Manipur	2531	1246	-	4739	4460	1164
Meghalaya	3137	2240	178	888	1560	1034
Mizoram	2430	3615	10	278	4563	1037
Nagaland	1614	3179	427	252	2061	750
Orissa	11854	22752	-	45930	40099	5579
Punjab	8858	5043	739	21200	21024	1940
Rajasthan	29201	23369	2516	47397	78828	19454
Sikkim	2180	1022	-	496	3137	706
Tamil Nadu	35481	25568	-	23706	69001	21082
Tripura	3650	3272	2134	1643	3371	1191
Uttar Pradesh	49271	73327	8000	55916	108504	5849
West Bengal	8480	17700	1930	17375	103508	13070
<b>Union Territories:</b>	8309	7423	-	2935	40195	16790
A. & N. Islands	1591	700	-	264	1925	649
Chandigarh	165	98	-	20	1010	63
Dadra & Nagar Haveli	508	52	-	197	539	40
Daman & Diu	141	21	-	102	399	47
Delhi	2961	5839	-	1496	31520	12857
Lakshadweep	660	114	-	186	381	192
Pondicherry	2283	599	-	671	4420	2942

Note: Totals may not tally due to rounding off of figures.

**Table 39.3-PLAN OUTLAY FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT-Concl'd.  
States and Union Territories  
Outlay for 1996-97**

(Rs.lakhs)

States/Union Territories	Transport and Communications	Science, Technology and Environment	General Economic Services	Social Services	General Services	Total
1	8	9	10	11	12	13
<b>States</b>	<b>409203</b>	<b>9492</b>	<b>102300</b>	<b>1479462</b>	<b>97458</b>	<b>4911644</b>
Andhra Pradesh	26715	130	540	66954	1100	255000
Arunachal Pradesh	12229	26	1548	14499	1061	45717
Assam	9234	160	3383	53369	2623	121625
Bihar	11707	49	1570	37944	2915	164900
Goa	3509	50	337	8369	610	19634
Gujarat	17427	746	8568	78487	68	337800
Haryana	6980	206	897	52027	1256	137002
Himachal Pradesh	9861	146	7389	33351	2154	91536
Jammu & Kashmir	12792	255	6227	34924	1397	125400
Karnataka	19550	639	1106	125212	3208	370000
Kerala	16785	1400	3736	46214	2888	220727
Madhya Pradesh	6859	2109	9251	99543	873	287046
Maharashtra	65730	368	24673	202633	48843	765005
Manipur	8037	113	630	11741	883	35544
Meghalaya	6650	100	790	9899	664	27140
Mizoram	3953	57	1783	9194	682	27602
Nagaland	2394	24	3737	8939	746	24123
Orissa	17748	790	1505	67765	1602	215624
Punjab	7397	72	5523	48932	4272	125000
Rajasthan	25442	312	3792	89683	11055	331049
Sikkim	2427	80	287	8626	439	19400
Tamil Nadu	39313	546	6479	146613	4116	371905
Tripura	3681	71	208	15101	369	34691
Uttar Pradesh	54558	688	7248	162909	1904	528174
West Bengal	18225	355	1093	46534	1730	230000
<b>Union Territories</b>	<b>42298</b>	<b>286</b>	<b>2584</b>	<b>128493</b>	<b>6119</b>	<b>255431</b>
A. & N. Islands	7975	28	763	7851	484	22230
Chandigarh	411	57	180	8488	44	10534
Dadra & Nagar Haveli	419	6	103	1098	48	3009
Daman & Diu	300	13	227	950	191	2391
Delhi	30605	115	918	101979	4904	193194
Lakshadweep	1368	49	132	819	106	4007
Pondicherry	1221	18	261	7310	342	20066

Source: Planning Commission

- Note: 1. Total outlay differs with the data shown in Table 39.1 because from the Special Area Programme only Backward Areas have been taken here.  
2. Totals may not tally due to rounding off of figures.

**Table 39.4- PLAN EXPENDITURE FOR PUBLIC SECTOR  
BY HEADS OF DEVELOPMENT  
States and Union Territories  
Actual Expenditure for Annual Plan 1994-95**

(Rs. lakhs)

States/Union Territories	Agriculture and Allied Activities	Rural Development	Special area programmes (Backward Areas)	Irrigation and Flood control	Energy	Industry and minerals
1	2	3	4	5	6	7
<b>States:</b>	279143	298424	32666	586048	918040	204199
Andhra Pradesh	5380	18481	5	76329	62786	3030
Arunachal Pradesh	4172	1250	-	1778	8291	580
Assam	11530	8820	299	8876	18284	5414
Bihar	4407	26641	2976	21277	9776	1288
Goa	994	251	-	3349	1418	482
Gujarat	13989	8241	-	47859	44880	14433
Haryana	7836	2684	666	12598	27335	2203
Himachal Pradesh	8845	2100	-	2646	11330	1797
Jammu & Kashmir	9260	3309	3870	5034	25982	2982
Karnataka	21177	20252	8552	56945	71176	18169
Kerala	19559	6616	285	18359	39668	17452
Madhya Pradesh	14667	21854	-	49466	98234	5897
Maharashtra	32677	56246	2764	132395	113960	19821
Manipur	2055	444	-	4230	4098	1000
Meghalaya	2343	819	155	528	720	826
Mizoram	2065	3428	-	245	2742	890
Nagaland	618	141	167	226	1016	474
Orissa	9507	17391	-	22579	29761	17379
Punjab	8100	4448	972	12844	65356	4045
Rajasthan	24021	13784	345	38113	65009	12756
Sikkim	1248	239	-	211	2342	451
Tamil Nadu	32759	19346	-	13372	48576	40123
Tripura	3329	2008	1980	1028	3319	1021
Uttar Pradesh	31620	41683	5968	39844	104674	10052
West Bengal	6985	17948	3662	15917	57307	21634
<b>Union Territories:</b>	5499	3063	-	2282	42131	2700
A. & N. Islands	1549	153	-	220	1347	312
Chandigarh	164	176	-	25	983	62
Dadra & Nagar Haveli	530	42	-	210	530	44
Daman & Diu	132	19	-	107	461	100
Delhi	754	2327	-	1037	35210	427
Lakshadweep	509	71	-	235	250	121
Pondicherry	1860	274	-	448	3352	1632

Note: Totals may not tally due to rounding off of the figures.



**Table 39.4 -PLAN EXPENDITURE FOR PUBLIC SECTOR-Concl'd.**  
**BY HEADS OF DEVELOPMENT**  
**States and Union Territories**  
**Expenditure for Annual Plan 1994-95**

(Rs.lakhs)

States/Union Territories	Transport and communi- cations	Science Techonology and Environment	General Economic Services	Social Services	General Services	Total
1	8	9	10	11	12	13
<b>States:</b>	313075	5248	73404	880107	45402	3635756
Andhra Pradesh	30736	118	86	47419	977	245347
Arunachal Pradesh	8917	19	584	9068	677	35336
Assam	8176	212	2427	39415	829	104282
Bihar	5805	50	140	18701	557	91618
Goa	1903	47	298	6676	297	15715
Gujarat	12083	93	6294	52197	73	200142
Haryana	5676	125	1477	36696	640	97936
Himachal Pradesh	9337	86	5940	22945	1649	66675
Jammu & Kashmir	7597	167	2243	23216	908	84568
Karnataka	17479	359	880	83073	2353	300415
Kerala	11557	649	1262	24826	1359	141592
Madhya Pradesh	6350	843	6093	62791	814	267009
Maharashtra	41603	95	10940	81673	20045	512219
Manipur	3417	106	361	5731	626	22068
Meghalaya	5910	82	570	5600	380	17933
Mizoram	3490	37	1302	5590	426	20215
Nagaland	451	10	3135	2113	234	8585
Orissa	16220	707	2252	30154	1497	147447
Punjab	5080	37	2753	35634	2678	141947
Rajasthan	17862	391	6350	60651	2293	241575
Sikkim	1612	58	146	3500	2724	12531
Tamil Nadu	29263	226	4640	95233	1032	284570
Tripura	2556	71	158	9981	292	25743
Uttar Pradesh	47866	526	7774	89564	516	380087
West Bengal	12129	134	5299	27660	1526	170201
<b>Union Territories:</b>	26603	218	2372	76005	4566	165439
A. & N. Islands	10256	12	735	4921	611	20116
Chandigarh	341	21	260	6733	15	8780
Dadra & Nagar Haveli	358	6	82	860	27	2689
Daman & Diu	254	14	210	696	157	2150
Delhi	13351	117	813	57674	3373	115083
Lakshadweep	1055	30	133	651	103	3158
Pondicherry	988	19	138	4470	280	13461

Source: Planning Commission

- Note: 1. Total expenditure differs with the data shown in Table 39.1 because from the Special Area Programme only Backward Areas have been taken here.  
 2. Totals may not tally due to rounding off of the figures.

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS

Items	Unit	Annual Plan				Eighth Plan (1992-97) Target (1)	Annual Plan	
		1990-91		1991-92			1992-93	
		Target	Achievement	Target	Achievement		Target	Achievement
1	2	3	4	5	6	7	8	9
<b>Agricultural Production:</b>								
1. Foodgrains total	lakh tonne	1765	1762	1825	1684	2100	1830	1795
2. Rice	lakh tonne	737	746	765	747	880	772	729
3. Wheat	lakh tonne	545	540-545	565	557	660	570	572
4. Coarse cereals	lakh tonne	333	334	340	260	390	343	366
5. Pulses	lakh tonne	150	140	155	120	170	145	128
6. Oilseeds	lakh tonne	180	185	185	186	230	190	201
7. Sugarcane	lakh tonne	2200	2410	2300	2540	2750	2430	2280
8. Cotton(lint)	lakh bale	115	98	120	97	140	120	114
9. Jute and Mesta	lakh bale	90	92	91	103	95	92	86
10. Tea	'000 tonne	735	719	735	727	950	765	721
11. Coffee	'000 tonne	225	173	..	180	220	186	169
12. Rubber	'000 tonne	335	330	..	367	600	405	395
<b>Irrigation and Power</b>								
Additional Irrigation Benefits								
13. Major and Medium Projects								
i) Potential created	lakh hectare	7	7	6	5	51@	7	4
ii) Utilisation	lakh hectare	6	8	6	5	43@	7	3
14. Minor Projects								
i) Potential created	lakh hectare	22	18	24	19	107@	20	15
ii) Utilisation	lakh hectare	19	17	21	17	94@	18	14
15. Electricity generation (utilities)								
i) Hydro	Mn.KWH	630	715	649	726	..	663	698
ii) Thermal	Mn.KWH	2014	1865	2117	2086	..	2291	2245
iii) Nuclear	Mn.KWH	68	62	68	56	..	74	67
16. Villages electrified	'00 no.	51	51	41	41	..	25	19
17. Pumpsets energised	'000 no.	9	9	6	6	..	14	9
<b>Co-operative Sector</b>								
18. Agricultural credits disbursed								
i) Short and Medium terms	Rs.crore	5613	2283	5619	4230	7665	5537	5271
ii) Long term loans (outstanding)	Rs.crore	1000	772	1097	1008	1625	1133	1049
<b>Mining</b>								
19. Coal (including Lignite)	lakh tonne	2320	2235	2481	2451	3275	2515	2514
20. Iron Ore	lakh tonne	595	542	590	571	720	625	575

For footnotes, please see next page,

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan							
		1993-94		1994-95		1995-96		1996-97	
		Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
1	2	8	9	10	11	12	13	14	15
<b>Agricultural Production:</b>									
1. Foodgrains total	lakh tonne	1880	1821	1890	1919	1920	1850	1935	1921
2. Rice	lakh tonne	780	790	785	813	800	796	810	805
3. Wheat	lakh tonne	585	591	585	652	600	626	650	647
4. Coarse cereals	lakh tonne	360	309	365	310	365	296	325	329
5. Pulses	lakh tonne	155	131	155	145	155	132	150	140
6. Oilseeds	lakh tonne	210	215	220	224	225	226	230	242
7. Sugarcane	lakh tonne	2500	2271	2500	2600	2550	2805	2700	2675
8. Cotton(lint)	lakh bale	125	107	125	118	130	131	130	142
9. Jute and Mesta	lakh bale	93	85	93	93	93	89	90	94
10. Tea	'000 tonne	808\$	754	770	737	780	762	..	..
11. Coffee	'000 tonne	194	212	180	180	225	230	..	..
12. Rubber	'000 tonne	447	435	475	475	513	507	..	..
<b>Irrigation and Power</b>									
Additional Irrigation Benefits									
13. Major and Medium Projects									
i) Potential created	lakh hectare	7	5	7.2	6.7	7.7	7.0P	..	..
ii) Utilisation	lakh hectare	7	5	5.6	5.6	7.9	7.0P	..	..
14. Minor Projects									
i) Potential created	lakh hectare	20	14	19.0	14.6	15.7	16.6	..	..
ii) Utilisation	lakh hectare	17	12	15.5	11.0	12.7	13.0	..	..
15. Electricity generation (utilities)									
i) Hydro	Mn.KWH	675	704	690	825	723	724	751	..
ii) Thermal	Mn.KWH	2432	2478	2747	2629	2970	2995	3170	..
iii) Nuclear	Mn.KWH	60	54	83	56	79	79	80	..
16. Villages electrified	'00 no.	22	22	26	26	25	..	..	..
17. Pumpsets energised	'000 no.	10	10	12	12	14	..	..	..
<b>Co-operative Sector</b>									
18. Agricultural credits disbursed									
i) Short and Medium terms	Rs.crore	5930	5229	6600#	9666#	11200#	..	..	..
ii) Long term loans (outstanding)	Rs.crore	1158	983	3000*	2453*	2800*	..	..	..
<b>Mining</b>									
19. Coal (including Lignite)	lakh tonne	2635	2641	2690	2726	2900	2923	3046	..
20. Iron Ore	lakh tonne	625	555	625	630	670	662	720	720

(1) Figures relate to terminal year 1996-97.

\$ Revised to 730 million Kg. by Ministry of Commerce.

# Relate to short term only.

\* Relate to long &amp; medium term loans.

@ Targets relates to five year Plan Period

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan				Eighth Plan (1992-97) Target (1)	1992-93	
		1990-91		1991-92			Target	Achiev- ement
		Target	Achiev- ement	Target	Achiev- ement			
1	2	3	4	5	6	7	8	9
<b>Industrial Production:</b>								
<b>Metallurgical Industries</b>								
21. Iron and steel								
(intg. steel plant)								
i) Steel ingots	lakh tonne	123	112	132	126	182	142	134
ii) Saleable steel	lakh tonne	98	94	108	106	159	166	113
iii) Pig iron for sale	lakh tonne	9	14	13	15	22	17	17
22. Aluminium	'000 tonne	481	449	506	514	656	525	482
<b>Mechanical Engg. Industries</b>								
23. Industrial machinery								
(i) Textile machinery	Rs. crore	530	565	530	565	800	600	1100
(ii) Cement machinery	Rs. crore	35	31	35	31	75	35	170
(iii) Sugar machinery	Rs. crore	55	72	55	72	150	90	103
(iv) Paper & pulp machinery	Rs. crore	16	33	16	33	60	40	60
(v) Steam boilers	Rs. crore	600	888	600	888	1050	900	965
(vi) Machine tools (organised sector)	Rs. crore	800	867	800	867	1150	950	1044
24. Railway rolling stock and components								
Locomotives								
(a) Diesel	no.	225	225	225	225	290	225	555
(b) Electric	no.	135	140	135	140	200	140	..
25. Automobile and ancillary industries								
(i) Passenger cars	'000 no.	165	180	165	180	250	185	163
(ii) Commercial vehicles	'000 no.	120	146	120	146	200	170	133
(iii) Motor cycles, scooters and mopeds	'000 no.	1900	1863	1900	1863	2400	2000	1118
26. Ball and roller	lakh no.	1250	1008	1250	1008	1300	1100	938
27. Agricultural Tractors	'000 no.	125	144	125	143	240	155	146
28. Bicycles (organised sector)	lakh no.	75	68	75	68	90	70	70
29. Sewing machines (organised sector)								
	'000 no.	175	93	175	93	160	100	127
30. Ship Building and Repairs	Rs.Crore	175	175	175	175	200	175	578
<b>Electrical Engineering Industries</b>								
31. Electric fans	lakh no.	40	54	40	54	..	60	53
32. Radio receivers	Rs. crore	200	105	220	..	..	..	..

(1) Figures relate to terminal year 1996-97.



Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan							
		1993-94		1994-95		1995-96		1996-97	
		Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement	Target	Achiev- ement
1	2	8	9	10	11	12	13	14	15
<b>Industrial Production:</b>									
<b>Metallurgical Industries</b>									
21. Iron and steel									
(intg. steel plant)									
i) Steel ingots	lakh tonne	153	137	153	156	169	..	182	185
ii) Saleable steel	lakh tonne	177	120	174	128	143	142	159	159
iii) Pig iron for sale	lakh tonne	15	20	18	19	16	16	22	14
22. Aluminium	'000 tonne	480	466	533	480	530	521	656	450
<b>Mechanical Engg. Industries</b>									
23. Industrial machinery									
(i) Textile machinery	Rs. crore	1200	1150	1200	1200	1200	1051	800	1205
(ii) Cement machinery	Rs. crore	120	324	300	295	390	326	75	301
(iii) Sugar machinery	Rs. crore	120	78	74	97	95	126	150	74
(iv) Paper & pulp machinery	Rs. crore	60	49	47	52	52	62	62	47
(v) Steam boilers	Rs. crore	900	841	840	997	700	1124	1050	841
(vi) Machine tools (organised sector)	Rs. crore	1200	890	1050	1033	850	1013	1150	1052
24. Railway rolling stock and components									
Locomotives									
(a) Diesel	no.	555	150	135	135	135	114	142	135
(b) Electric	no.	135	135	155	155	155	160	195	155
25. Automobile and ancillary industries									
(i) Passenger cars	'000 no.	170	210	240	262	300	345	250	241
(ii) Commercial vehicles	'000 no.	150	141	142	195	250	278	200	142
(iii) Motor cycles, scooters and mopeds	'000 no.	1600	1329	2640	1545	1900	1819	2400	2651
26. Ball and roller	lakh nos.	1050	977	1100	1389	1050	2126	1300	1102
27. Agricultural Tractors	'000 no.	170	139	147	158	180	203	240	147
28. Bicycles (organised sector)	lakh no.	75	77	80	89	100	91	90	..
29. Sewing machines (organised sector)	'000 no.	150	112	121	99	95	128	160	121
30. Ship Building and Repairs	'Rs.Crore	62	487	440	610	550	678	200	442
Electrical Engineering Industries									
31. Electric fans	lakh no.	60	58	..	..	..	..	..	..
32. Radio receivers	Rs. crore	..	..	..	..	..	..	..	..

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan				Eighth Plan (1992-97) Target ement	Annual Plan	
		1990-91		1991-92			1992-93	
		Target	Achiev- ement	Target	Achiev-		Target (1)	Achiev- ement
1	2	3	4	5	6	7	8	9
<b>Chemicals &amp; Allied Industries</b>								
33. Fertilisers								
(i) Nitrogenous	'000 tonne	7078	6993	7078	6993	9800	7700	7430
(ii) Phosphatic	'000 tonne	2000	2051	2000	2051	3000	2750	2300
34. Heavy chemicals								
(i) Soda ash	'000 tonne	1300	1385	1356	1333	2000	1520	1351
(ii) Caustic soda	'000 tonne	960	999	900	1081	1600	1100	1086
35. Rubber manufactures								
(i) Automobile tyres	lakh no.	210	184	200	260	320	280	196
(ii) Bicycle tyres	lakh no.	340	256	300	300	500	350	193
36. Paper and paper products								
(i) Paper and paper board	'000 tonne	2350	1956	2100	2010	2900	2250	2025
(ii) Newsprint	'000 tonne	300	279	316	311	300	313	311
37. Cement	lakh tonne	490	487	550	530	760	510	545
38. Petroleum products	lakh tonne	512	518	524	514	616	523	..
<b>Textile Industry</b>								
39. All Yarn (cotton								
Blended, Mixed)	crore kg.	160	179	179	181	240	194	190
40. Cloth (mill sector)	crore metre	270	259	270	227	415	281	200
41. Jute '000 tonne	1480	1430	1570	1278	1600	1480	1310	
<b>Food Industries</b>								
42. Sugar(3)	lakh tonne	110	119	110	120	155	128	106
43. Vanaspati	'000 tonne	1210	820	1076	850	1050	900	900
<b>Transport and communications</b>								
Railways								
44. Freight traffic,								
originating	lakh tonne	3530	3414	3600	3600	4634	3540	3708
45. Net tonne kms.	'00 crore	250	243	254	257	318	261	258
<b>Passenger traffic</b>								
46. No. of passengers	crore	376	386	407	405	447	428	375
47. Passenger kms.	'00 crore	286	296	302	315	378	326	300
48. Rolling stock wagons								
(four wheelers)	'000 no.	27	24	26	26	150@	26	26
49. Diesel and electric								
locos	no.	299	290	297	322	1542@	307	318
50. Electric Multiple								
units (Coaches)	no.	222	174	231	187	1400@	239	180
51. Coaches (Others)	no.	1734	2056	2125	2308	12100@	2332	2479

For footnote please see next page.

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan							
		1993-94		1994-95		1995-96		1996-97	
		Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
1	2	10	11	12	13	14	15	16	17
<b>Chemicals &amp; Allied Industries</b>									
33. Fertilisers									
(i) Nitrogenous	'000 tonne	7800	7231	7950	7951	8400	8763	9800	8365
(ii) Phosphatic	'000 tonne	2200	1870	2331	2459	2400	2552	3000	2600
34. Heavy chemicals									
(i) Soda ash	'000 tonne	1550	1404	1420	1409	1430	1425	2000	1460
(ii) Caustic soda	'000 tonne	1150	1080	1130	1156	1167	1200	1600	1230
35. Rubber manufactures									
(i) Automobile tyres	lakh no.	290	206	210	210	250	250	320	320
(ii) Bicycle tyres	lakh no.	380	204	220	97	300	104	500	500
36. Paper and paper board									
(i) Paper and paper board	'000 tonne	2362	2200	2250	2480	2730	..	2900	2500
(ii) Newsprint	'000 tonne	350	361	500	450	480	..	300	500
37. Cement	lakh tonne	620	580	620	620	680	693	760	760
38. Petroleum products	lakh tonne	..	..	..	..	..	..	..	..
<b>Textile Industry</b>									
39. All Yarn (cotton Blended, Mixed)	crore kg.	186	207	215	209	215	..	240	237
40. Cloth (mill sector)	crore metre	226	199	200	189	200	169	415	200
41. Jute '000 tonne	1400	1448	1400	1365	1400	1431	1600	1500	..
<b>Food Industries</b>									
42. Sugar (3)	lakh tonne	110	97	120	126	140	164	155	145
43. Vanaspati	'000 tonne	940	1000	1100	907	1100	965	1050	1050
<b>Transport and communications</b>									
Railways									
44. Freight traffic, originating	lakh tonne	3700	3774	..	3814	4140	4066	..	4260
45. Net tonne kms.	'00 crore	272	257	..	255	282	274	..	286
<b>Passenger traffic</b>									
46. No. of passengers	crore	419	371	..	392	414	404	..	419
47. Passenger kms.	'00 crore	327	296	..	319	325	334	..	342
48. Rolling stock wagons (four wheelers)	'000 no.	20	20	12	11	20	18	25	..
49. Diesel and electric locos	no.	289	297	305	305	244	274	337	..
50. Electric Multiple units (Coaches)	no.	316	277	210	161	350	269	400	..
51. Coaches (Others)	no.	2149	2212	1400	1413	1400	1362	1696	..

(1) Figures relate to terminal year 1996-97.

(3) Relates to sugar season (October-September).

Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Contd.

Items	Unit	Annual Plan				Eight Plan 1992-97 Target (1)	1992-93	
		1990-91		1991-92			Target	Achiev- ement
		Target	Achiev- ement	Target	Achiev- ement			
1	2	3	4	5	6	7	8	9
<b>Shipping</b>								
52. Coastal	'000 GRT	..	627	..	724	..	..	854
53. Overseas	'000 GRT	..	9234	..	8920	..	..	9426
<b>Ports and Harbours</b>								
54. Traffic handled at major ports	crore tonne	16	15	16	16	23	16	17
<b>Social services</b>								
55. Education								
Additional enrolments								
i) Class I-V								
Age group 6-11 years	lakh	33	29	45	59	260@	29	33
ii) Class VI-VIII								
Age group 11-14 years	lakh	25	24	30	29	178@	23	25
56. Adult education	lakh	130	122	137	78	1098@	275	159
<b>Health</b>								
57. Minimum needs programme:								
Setting up of								
i) Sub-centres	no.	4877	515	4228	506	17030@	4066	6
ii) Primary health centres	no.	1396	1315	1021	269	4450@	759	311
iii) Community health centres	no.	281	162	272	122	1269@	259	94
58. Family Planning								
i) Sterilisation	lakh	58	41	54	41	321@	53	43
ii) IUD	lakh	64	54	60	44	399@	64	47
iii) Coventional contraceptives or oral pill users	lakh	176	179	188	173	277	211	180
59. Immunisation								
i) T.T.(PW)	lakh	253	201	261	202	..	270	214
ii) DPT (Children)	lakh	223	225	233	212	..	243	220
iii) Polio	lakh	223	225	233	212	..	243	221
iv) B.C.G.	lakh	223	230	233	216	..	243	234
v) D.T. (Children)	lakh	171	137	177	137	..	182	137
60. Prophylaxis against nutritional anaemia among								
i) Children	lakh	350	224	390	178	..	243	141
ii) Woman	lakh	206	186	297	162	..	270	165
61. Prophylaxis against blindness due to Vitamin "A" deficiency								
lakh dose		300	381	393	363	..	243	300

For footnotes, please see next page.



## PLAN OUTLAY AND EXPENDITURE BY DIFFERENT PLAN PERIODS

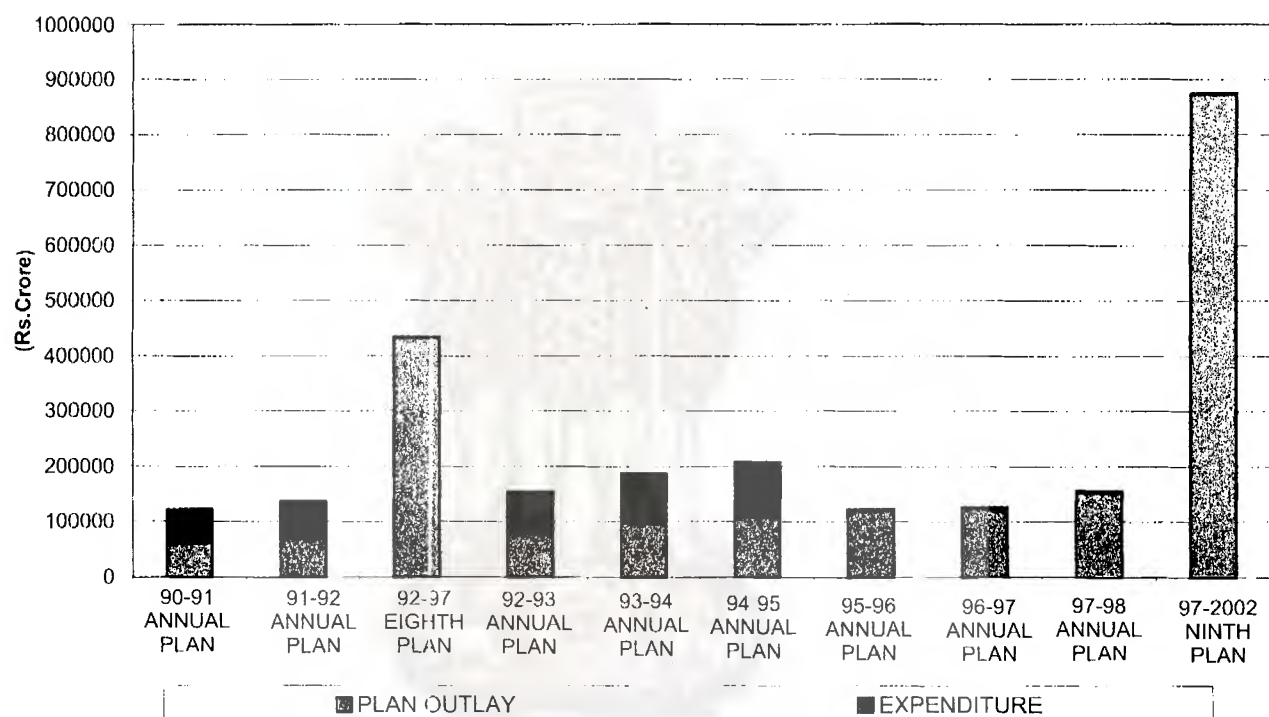


Table 39.5-PRINCIPAL TARGETS AND ACHIEVEMENTS-Concl'd.

Items	Unit	Annual Plan					
		1993-94		1994-95		1995-96	
		Target	Achievement	Target	Achievement	Target	Achievement
1	2	8	9	10	11	12	13
<b>Shipping</b>							
52. Coastal	'000 GRT	..	829	..	..	..	..
53. Overseas	'000 GRT	..	9489	..	..	..	..
<b>Ports and Harbours</b>							
54. Traffic handled at major ports	crore tonne	17	18	18	20	20	..
<b>Social services</b>							
55. Education							
Additional enrolments							
i) Class I-V							
Age group 6-11 years	lakh	45	41	47.2	..	..	..
ii) Class VI-VIII							
Age group 11-14 years	lakh	25	26	18.2	..	..	..
56. Adult education	lakh	232	132	321	221	197	..
<b>Health</b>							
57. Minimum needs programme:							
Setting up of							
i) Sub-centres	no.	18	202	-	209	-	932
ii) Primary health centres	no.	640	176	780	330	601	317
iii) Community health centres	no.	164	39	157	69	206	33
58. Family Planning							
i) Sterilisation	lakh	52	45	53	45	51	44
ii) IUD lakh	73	60	79	66	76	68	..
iii) Conventional contraceptives or oral pill users	lakh	244	216	272	223	..	186
59. Immunisation							
i) T.T.(PW)	lakh	276	227	270	213	273	214
ii) DPT (Children)	lakh	248	230	243	218	248	220
iii) Polio	lakh	248	232	243	219	248	222
iv) B.C.G.	lakh	248	240	243	230	248	236
v) D.T. (Children)	lakh	185	67	215	107	..	..
60. Prophylaxis against nutritional anaemia among							
i) Children	lakh	248	48	248	163	..	..
ii) Woman	lakh	276	156	275	208	..	..
61. Prophylaxis against blindness due to Vitamin "A" deficiency							
	lakh dose	248	281	..	..	..	..

Source: Planning Commission

(1) Figures relate to terminal year 1996-97.

@ Target relates to Five Year Plan period.